

QCWA Journal

Volume XLI, No. 3

Fall 1992

Bill Komistra, W9OVZ; Steve Bellgraph, K9ZL; and Chuck Knotek, W9GKM (l-r) are three of the ten members of Southeast Wisconsin Chapter 162 who spent May, June, and July receiving and processing ballots for the 1992 QCWA Election. Results are on page 106. Learn how they really tallied your votes in a Chapter 162 Report on page 103.



QCWA On the Air Meetings

SSB

Every Sunday afternoon
2000Z, 14347 kHz

CW

Every Wednesday evening
8:00 P.M. Eastern, 7035 kHz
W5QU, NCS



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Chapters On the Air

1	Cleveland Chapter	Wed	1900L	W8OXA	146.88	87	Evergreen	Sun	1500Z		3985
2	Chicago Area	1Th	2130L	W9MOL	147.15	89	Palmetto State	Sat	0900L	W4EGH	3927
4	Northwest	Sun	1630Z	W7PN	3655			Sun	1700L	N4LS	3695
		Sun	2000Z	W7FNC	3952	90	Razorback	Sun	1300L	W5MYZ	7230
		Sun	2300Z	W7AZI	3952	91	Vic Clark	Sun	0900L	K4JAP	146.79
5	Delaware Valley	Sun	1445Z	W2HX	3917	92	Northern Lights	Sat	2000Z		29000
6	Pittsburgh	Sun	1330Z	W8CSU	147.63			Thu	1900AST		3890
7	Southern CA	Sun	0900L	W6QIL	3917	96	Gateway	Sat	1600Z	W2KGI	3933
		Sun	1100L	K6BA	3695	102	Dakota	Sun	1300Z	W0HOJ	3889
		Sun	1000L	W6ZRZ	146.805	104	Treasure State	Sat	0900L		3938
8	Upper Midwest	Sat	0800L	W0KHG	3877	106	German	Mon	1700Z	DL9AR	3663
9	Dayton/Cincinnati	Sun	1800Z	W8DWT	3987			Tue	1730Z	DJ2ZB	3555
10	Michigan	Sun	1200Z	varies	3903	107	Central Florida	Sat	0900L	W4LHP	7243
11	Northern CA	Sun	0930L	WA6AFT	3907			Thu	1230L		14245
		Sat	1000L	W6HHN	146.25	108	Beaver State	Wed	0800L	W7CVL	3915
14	San Diego	Wed	0400Z	K6QM	145.52	109	Baton Rouge	Sun	0830L	W5URR	3905
15	Tulsa	Sun	0645L	W5FUR	3830			Sun	2000L	W5URR	146.19
		Sun	0930L	W5DFU	7157	110	Kansas	Sat	0730L		3920
16	Arizona	Sun	0800L	W7ER	3890	112	Yankee	Sun	0830L		3902
19	Missouri	Wed	1900L	N0AQH	147.15	114	North Texas	Sat	1430Z	WB5PHM	3943
20	Baltimore	Mon	2100L	W3EE	147.28	117	Appleseed	Sun	2030L	W8JYY	147.36
21	Canton, OH	Thu	1930L	K8UDO	146.79	118	Coastal Carolinas	Mon	2000L	W4EHF	146.28
25	Nebraska	Sat	0830L	W0EUT	3982	120	QCW Women	Tue	1900Z		14295
27	Houston	Thu	2000L	W5CCD	3866.5	122	Lake Erie-Tri State	Sun	0930L		3915
28	Central New York	Sun	1030L	varies	3917	123	Lee de Forest	Sat	0730L	K0DBW	3885
31	Reading, PA	Mon	2100L	W3BN	146.91	125	Halifax Chapter	Tue	1930L	K2HWF	147.15
32	Gator	Sat	0900L	W4OIN	145.29	126	Piedmont	Sun	0845L		3935
33	Gunderson-PA-NJ	Daily	2000L	W3TI	3982	128	Pelican	Sat	1000L	K9BSL	145.29
35	Mid-Continent	Thu	2030L	W0WHK	146.37	130	Inland Empire	Sat	0800L	AA6J	3862
36	Northwest Indiana	4Wed	1900L	W9BUN	147.495	131	Gulf Coast	Tue	0900L	WF4V	28750
38	San Antonio	Sun	2030L	W5HRF	28650	134	Pine Tree	Sun	1930Z		3942
41	Dallas	Sun	0715L	varies	3835	135	Mid-Michigan	Tue	2000L		146.70
44	Nevada	Mon	2000L	W9RU	145.39	138	Central New Jersey	Tue	2200L	W2DME	147.045
45	Citrus	Tue	1930L	WB4DRF	147.225	140	Wyoming	Sat	1500Z	W7MZW	3923
46	Founders'	Sun	1615Z	W2DP	3917	141	High Plains	Sat	0900L		3933
		Thu	2030L	W2DP	148.360	143	North Colorado	Sun	0830L		145.115
48	Treasure Coast	Dly	1500Z		7153	146	Twin State	Sun	0830L	W1SVT	3897
49	Atlanta, GA	Sat	0900L	K4VN	3855	149	Nutmeg	Sun	1630Z		3923
		Wed	2000L	varies	145.41	150	Del-Mar-Va	Sun	0900L	W3WPY	146.82
52	MS Gulf Coast	Thu	2030L		147.225	151	Wild Rose	Tue	0200Z	VE6EO	7070
54	Tyler Texas	Sun	0800L	W5CNO	3835	152	Royal Palm	Dly	1800Z	W4LZV	3910
55	Wisconsin	Sun	1430Z		3985			T&T	1830Z	W4LZV	14180
58	Colorado	Sun	0930L	varies	146.070	154	Leo Meyerson	Thur	1830L	K6TLA	145.480
		Sun	0900	W0WSK	3905	157	Pony Express	Sun	0830L	K0LJK	3955
60	East Tennessee	Sun	0900L	AA4WX	7233	160	Utah Chapter	Sat	1730Z	W7FVM	7272
61	Detroit Metro	Sun	0800L	W8IHX	3663	162	Southeast WI	Thu	0300Z		147.27
62	Suwannee	Sat	0900L	W4PFJ	3940	164	Big Bear Lake	Sun	1900L	WA6NLG	147.33
63	Central Oklahoma	Sun	1400Z	varies	3855	165	York County	Thu	0200Z	W3AXC	146.97
64	El Paso	Sat	1530Z	varies	3933	167	Gold Coast	Wed	1930PST	KI6YN	147.885
65	Niagara Frontier	Sun	1330L	W2SD	3900	173	Golden Triangle	Tue	1930L		147.255
73	Southern Ontario	Sun	0900L	VE3AGS	3773	174	Wisconsin Badger	Sun	1600L		3985
		Sun	1300L	VE3MO	7088	181	Hudson Valley	Sun	0815L	W2OZA	3917
75	Central CA Coast	Sat	0830L		3917	QCWA Nets					
76	Blue Ridge	Sat	1300L		7180	QCWA SSB	Sun	2000Z	varies		14347
77	Northern NJ	Sun	1300L	W2OJW	3917	QCWA CW	Wed	2000E	W5QU		7035
		Thu	2000L		147.285	Florida SSB	Sat	1300E	W4NWF		3955
79	Sunflower	Wed	2100L		146.79	NE Regional	Sun	0845L	W2AUF		3917
81	Long Island	Sun	1130L	varies	3917						
		Fri	2030L	K2YAW	147.33						
84	Floral	Mon	1930L	KF4BU	146.28						
85	Ark-La-Tex	Mon	0100Z	K5LFJ	146.67						

PRESIDENT'S NOTES . . .

The phrase "Reaching Out" is one which we hear frequently in our community activities. Sometimes it refers to "reaching out" to help someone or some group. Sometimes it means that the person wishes to become friendly and travel beyond his or her immediate group of acquaintances.

For some of us, however, the phrase has a different meaning. It means that we wish to reach out over the airwaves and communicate with others. It can also mean something which is the subject of this issue's *Notes*.

Recently it has been my pleasure to speak about Amateur Radio before two separate Senior Citizen groups in the Charlottesville, Virginia, area. These were not groups of hundreds of people, but much smaller groups of seniors who had heard nothing but talks on Medicare, Elder Care Hostels, Old Age Insurance and what to do if tragedy strikes their homes. My talk on Amateur Radio was almost an "escape" for these folks. While the years have piled up on me and this year marked the real "senior" age mark, Amateur Radio keeps me so busy that there isn't time for worrying about those wrinkles, the pains, the need for new glasses and all the other marks of the increasing years!

The chance of a lifetime

The opportunity to bring Amateur Radio to these senior citizens was a chance of a lifetime. It was the time to tell them of the many facets of our wonderful hobby with its personal enjoyments, many friendships and public service assistance. It was the time to demonstrate the power of our local 2-meter repeater system by making a few quick contacts with a handheld unit which fits into my shirt pocket.

It was the time to show them QSL cards from the many DX countries who are active via our Ham bands. It was the time to tell them of the many celebrities who enjoy Amateur Radio in almost complete anonymity with each of us who are licensed. It was the time to show them how one can truly "reach out and touch someone" thousands or maybe only a few miles away!

Does this little account fit into anything else we have mentioned several times in recent issues of the *QCWA Journal*? It should remind you of the "Elmering" discussions . . . a *President's Notes*, an article by QCWA member Larry Shima, W0PAN, and an item in the minutes of the last Board Meeting.

We enjoy something very special

We Amateur Radio operators enjoy something special. We can reach out and touch many parts of the globe . . . far and wide . . . via our many bands and modes of operation. The OSCAR program mentioned in the last

issue helps even the Ham who doesn't have the equipment to talk worldwide via the HF bands . . . and the future holds even greater opportunity for global contact utilizing very simple equipment and modest antenna configurations with future OSCARs.

Don't keep ham radio to yourself

Should we keep all of this wonderful life all to ourselves? You would think so to hear some of our number talk about too much QRM with constant complaints about everything. Yes, we do have lots of signals on the air. We need to learn about spectrum management . . . using the right frequency at the right time and with the correct power . . . before complaining too much.

In the meantime, however, let's "Reach Out" and help those who might enjoy our fascinating hobby.

Tell our story to young and old alike. Seize every opportunity to tell your neighbors about what we do and the sheer enjoyment we can attain. Our QCWA members are probably best suited to perform this task since our experience spans so many years.

Incidentally, you may wonder what was the outcome of the presentations to the Senior Citizen Groups? Well, we will probably see two new over-65s in our next Novice/Tech class. Additionally, at least another presentation before a local fraternal organization is in the planning stage.

Years ago, on the convention trail, it was often mentioned to the forum attendees that we Hams don't blow our own horns long enough, loud enough—or often enough.

C'mon, Gang . . . let's get out there and *REACH OUT!*

73 . . . Harry, W2HD



President Harry Dannals, W2HD (left) and General Manager Jim Walsh, W7LVN signed up numerous new members in the QCWA booth at the April, 1992 Dayton Hamvention®.

From the General Manager . . .

Here it is summer, the election process is over, and the QCWA Board has two new members in addition to those incumbents who carried over. The results are listed on page 106 in this issue of the *Journal*.

This slate will serve two years. The group elected last year will have one year added to their term and then in 1994 we will elect a full slate of officers and directors. It is expected that this will save about \$2,000.00 every two years.

We continue to expend a fair amount of money paying for mail which cannot be delivered. Most of the problem seems to come from those who maintain two households, one for winter and one for summer.

The post office will only hold mail for a short period of time and so our mail is returned (when we are not notified that a move is being made) and it costs some more money to recover that mailing and find that the party has moved.

**We cannot automatically change your address . . .
please notify us *each time* you move!**

Let Headquarters know that you are going to change your address—it only takes a couple seconds to update your record in the computer. (And please tell us *each time*—for example, as you go north in summer and again when you head south for winter.)

Our FAX and BBS line is getting some good activity and it has been interesting. We will, shortly, leave a NEW MEMBER file in the general area for club secretaries to obtain.. You secretaries can then use those names to prospect immediately for new members.

This file will be updated every 30 days and after approximately 90 days will be the same as that list published in the *Journal*. The file will be compressed and stored in that format for quicker retrieval time. Programs to un-arc or un-compress a file are in the general file area of the BBS.

On page 108 in this issue there is a listing of the various volumes of the *QCWA Journal*—going back a number of years—which are on file at Headquarters. I am extremely interested in obtaining some issues to fill in so we can have a permanent file of the *QCWA Journal*.

It has changed names somewhat over the years but it is still an interesting publication to read, even under the date of 1960. **Would you please look at your old files and send me the missing issues?**

The office has received a good number of new member applications. For this we thank all our members for their efforts. When you complete an application for the new member please obtain his first date of licensing and also his original and first call.

Remember . . . a three year dues payment is a good buy in that you save one whole year's dues. A better buy is a Life Membership—and you can prepay it, or pay in three installments over a one year period.

See all of you in Scottsdale in October. Get your reservations in as soon as possible. Thanks for all of the support from you members of QCWA.

73, Jim Walsh, W7LVN
General Manager

Those Who Have Served

Past Presidents

John DiBlasi, W2FX (SK)	1947-1964
Earl R. Thomas, W2MM (SK)	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981
Stuart Meyer, W2GHK	1982-1985
Leland Smith, W5KL	1986-1989

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955-1964
Gus Girona, W2JE	1965-1973
Ethel Smith, K4LMB	1974-1976
Ted Heithecker, W5EJ	1976-1991

QCWA Journal

is published by
Quarter Century Wireless
Association, Inc.
159 East 16th Avenue
Eugene, OR 97401-4017
Voice (503) 683-0987
Fax/BBS (503) 683-4181

Publisher

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The Quarter Century Wireless Association, Inc. was founded December 5, 1947, and is incorporated in the State of New York as a not-for-profit organization. Permission to reprint material herein is granted. Please credit *QCWA Journal*.

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Third Class from Eugene, Oregon.

Chapter Reports

Gator Chapter 32

With the arrival of summer, our chapter loses about 50% of its membership as they go north to a cooler climate. The rest of our members, however, stay here in Florida and enjoy the nice warm climate.

Two of our members had operations, and I am happy to say that all are coming along quite well. Both Don Bice, W4PCO and Jim Keyes, K4FCW will be back with us soon. We lost a member, Walt Wentworth, W4PWB, and have sent \$25.00 to the QCWA Scholarship Fund in his name.

Chapter 32 meets all summer in informal meetings,

beginning our business meetings in October. Our net is on every Saturday at 9 A.M. on 145.29, the repeater owned by the Pelican chapter.

*Eli Nannis, K4JMH
14996 Imperial Pnt Dr N, Largo FL 34644*

Bay Area Chapter 184



President Dick Wells, KH6FHS (right) and Secretary Peter Newell, KE5DQ show off 13 signatures on the Application for Charter at the first meeting of QCWA's newest Chapter—Bay Area Chapter 184. Welcome!

*Peter W. Newell, KE5DQ
2935 Calder Dr TT-35, League City TX 77573*

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Akron Chapter 39

Our noon meeting on July 23 at Tangier Restaurant was called to order by President Chas. Rogers, W8ZKX. There were 16 members and 13 guests present. Bill Hessler, W8DXT gave the Treasurer's report.

Members on the sick list include Chet Rataski, K8GRO, who needs transportation to our meetings; Earl Coit, W8MIB, who is disabled and unable to attend; George Kincade, W8IQT, at home recuperating from minor surgery; Gene Cooke, W8XL, in the hospital for tests. Margaret Dye, wife of Walter Dye, W8CTT, and Dorothy Brown, widow of Rex Brown, W8LUT have passed away.

After Jim Trutko, W8EXI called attention to recent QCWA Journal articles on fund-raising for the OSCAR satellite Phase 3D, our Chapter decided to re-institute the traditional Kitty Collection for the purpose of supporting these OSCAR efforts. This meeting's collection totalled \$23.00, and we decided to let an OSCAR fund accumulate to about \$100.00, incorporating donations in addition to our general operating fund.

*Bill Hessler, W8DXT
3046 Lake Rd, Cuyahoga Fls OH 44224*

Chapter Reports

San Diego Chapter 14

The spring/summer brunch/meeting of San Diego Chapter 14 was held at the Admiral Kidd Officers Club in San Diego on April 26. Approximately 40 members and their guests attended the meeting, including QCWA Director Bob Rickey, NF6P.

Our speaker was retired baseball umpire Ed Runge, who talked about his experiences as an umpire during 17 years with the American League and five years with the Pacific Coast League. His stories were humorous, some true and some anecdotal, but all interesting and funny to listen to.

Our Program Chairman, George Mitchell, K6ZE was presented with his 55th Anniversary Award by Chapter President Ralph Held, K6QS.



George Mitchell, K6ZE (right) receives 55 Year Golden Certificate from Chapter 14 President Ralph Held, K6QS.

Director Bob Rickey NF6P gave a report on the QCWA Board Meeting and discussed some of the new programs being planned.

Because a large number of the members are out of the area during July, our next meeting will be held in late September or early October, depending on availability of facilities for the meeting.

Bob McDonald, KE6VB

1029 Hemlock Ave, Imperial Beach CA 91932-3518

Yankee Chapter 112

The newly elected President of Yankee Chapter, Al Fruzzetti, K1JJJ had long had a dream of a summer picnic with all of the New England chapters joining together just for the fun and fellowship. His dream was realized and if all goes well this will become an annual affair with host chapter rotating between all five of the New England Chapters.

We reserved a shelter at the Otter Brook Recreation Area just north of Keene, NH—a delightful park nestled among the hills along a lovely brook, and run by the Corps of

Engineers. The location included all the conveniences we could ask for, including swimming and horse shoes if we wished.

There were about 60 members and guests, although we lost count as members kept arriving all afternoon—almost up to the time we reluctantly started to break up. The chapters represented were Yankee, Twin State, Nutmeg, Pine Tree, and the newest New England chapter, Pioneer.

There was no business conducted, just the pleasure of getting to know the members of our fellow chapters and enjoying swapping stories and information about our mutual interests, ham radio and QCWA.

Twin State Chapter volunteered to host the summer picnic next year and everyone agreed this had been a most successful affair and the beginning of something great!

If you are ever in New England in the summertime, find out about our picnic and join us. We know you'll enjoy it and we welcome any who would like to join us.

If you plan to attend the New England Division Convention in Boxboro the first weekend in October, stop by the QCWA table and you'll find some of us there.

Blanche Randles, W4GXZ

HCR-32 Box 591, Stoddard NH 03464

Michigan Chapter 10

On May 16, Michigan Chapter 10 met for our annual meeting at the Waterfront Restaurant in Cadillac for lunch. Most of us attended the Cadillac Swap and Shop before our meeting. Jan Jellema, W8SWN surveyed the hams present and found 1,728.6 years of amateur radio in attendance. It was moved and voted that we meet next year at the same place for our annual meeting.

The meeting was well run by President Pat Guthrie, K8TSO. Officers elected for next year are: President, Marian Stoner, W8VWY; Vice President, Beverly Stoner, K8ZJU; and Secretary-Treasurer, Currin Skutt, W8FSZ.



Michigan Chapter 10 officers (l-r): Outgoing President Pat Guthrie, K8TSO; President Marian Stoner, W8VWY; VP Beverly Stoner, K8ZJU; and Secretary-Treasurer Currin Skutt, W8FSZ.

Currin L. Skutt, W8FSZ

410 E Holland Lk Dr, Sheridan MI 48884

Chapter Reports

Niagara Frontier Chapter 65

On June 5 our Director Tom Gill, W2RIB became a Silent Key. He was employed for 32 years at WBEN Buffalo. Tom retired in 1978 as Assistant Chief Engineer.

At our annual picnic on July 18 we were very pleased to present a beautiful plaque to Thena Jones in appreciation for all the work her late husband Bert Jones, W2CUU did for our Chapter 65. Although there were spotty rain showers, 25 of us had a good time and good fellowship.

Thanks to the following members for putting Chapter 65 on the air during the 1992 QSO Party: Tom, W2QI; Norm, W2VEX; Emil, W2DGV; and Ken, K2FJ.



Carleton Maylott, W2YE (left) receives his QCWA Century Club Certificate from Slim Griswold, W2SD.

*Kenneth R. Palmer, K2FJ, ZB2G
12750 Williston Rd, E Aurora NY 14052*

Colonial Chapter 166

QCWA Colonial Chapter 166 held their annual picnic on July 29. President Howard Trout, W3IGW greeted a goodly crowd of members and their families, all of whom enjoyed the catered meal.

We are saddened to report the demise of Bill Turner, K3NYQ, who became a Silent Key. Bill was one of the founding members of our chapter.

Our next meeting will be September 30. The fall season will be upon us, and our next order of business is a new slate of officers. We continue to look for new members and encourage our members to talk the chapter up to their ham friends eligible for QCWA membership.

We missed Walter Brink, W3WPY at our picnic this year, and hope he will come to one of our meetings to give us a rundown on the happenings on the QCWA Board.

*Charlie Stouth, W3ZPP
261 Prince Frederick St, King of Prussia PA 19406-2211*

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John Swafford, W4HU
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Arlington VA 22205
(703) 536-9537

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Wes Randles, W4COW
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Jack Troster, W6ISQ
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Atherton CA 94025
(415) 854-3939

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Arch Doty, K8CFU
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John Edel, K8LBZ
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Oct-May
2120 W Crest Dr
Englewood FL 33533
(813) 474-4129

Chapter Reports

Western Ozark Chapter 171



The May 1992 quarterly meeting of Ozark Chapter 171 featured a program of the early days of KD5EB and W5VIX, both licensed more than 50 years ago.

Shown here (left to right) are Vice President Russ Hanser, WA0FFK; President Bill Davidson, W0JLY; Glenn Soper, KD5EB; and Glenn Webster, W5VIX.

*Ron Evans, K5XX
1321 Crestwood Dr, Fayetteville AR 72701*

Beaver State Chapter 108

The July 11 meeting of Beaver State Chapter was held in Pop's Branding Iron Restaurant, Albany, OR with 34 members and guests. Following the buffet lunch and introduction of guests and members, a short business meeting was held.

A nominating committee was appointed to produce a list of officer candidates for the 1993 term, to be announced at the Annual Meeting in October.

Our HF chapter net has been active since its inception in April, and more participants would be welcome. We have made a few changes, and the net is now scheduled to meet each Wednesday morning at 8:00 A.M. local time, 3915 kHz, with Frank, W7CVL in charge.

Gene Kelsey, N7EIF told of his interest in genealogy—how he got started, plus some of the pitfalls and interesting stories which are told but not always corroborated when one checks written records and local newspapers.

Our next meeting will be held on October 17, in or near Salem, OR. Contact Secretary Fred Dickson, W7LBH for more precise information.

*Fred Dickson, W7LBH
38566 Parkside Rd NE, Albany OR 97321*

Colorado Chapter 58

Seventy-one members and guests attended the annual business meeting of Colorado Chapter 58 at the Gardens Inn on May 15. The following officers were installed for the 1992-93 term: President, Jim Blecha, W9KRE; Vice President, Joe Tucker, WA0MTN; Secretary/Treasurer, Ken McMahan, W0TRO; and Directors, Anna Belmonte, W0ERR; Len Brown, W0FDD; Rudy Fleischer, W0NST; Frank Goddard, W0AJY; and Slim Pangle, W0BEG.

We would like to remind the newer members we have two on-the-air meetings every Sunday: one on 3905 LSB at 9:00 A.M., and the other on 2 meters 07/67 at 9:30 A.M. Try to make both. In addition, we have a breakfast meeting on the second Saturday of each month at Denny's, located in Denver at 38th and Fox (just off Interstate 25). Please join us for breakfast and renew old acquaintances.



New Colorado Chapter officers are (from left): Len, W0FDD; Rudy, W0NST; Joe, WA0MTN; Ken, W0TRO; Jim, W9KRE; Annie, W0ERR; Frank, W0AJY; and Slim, W0BEG. At far right (foreground) is Past Secretary and Director Lou Philippi, W0QKR.

*Ken McMahan, W0TRO
1602 So Evanston St, Aurora CO 80012-5776*

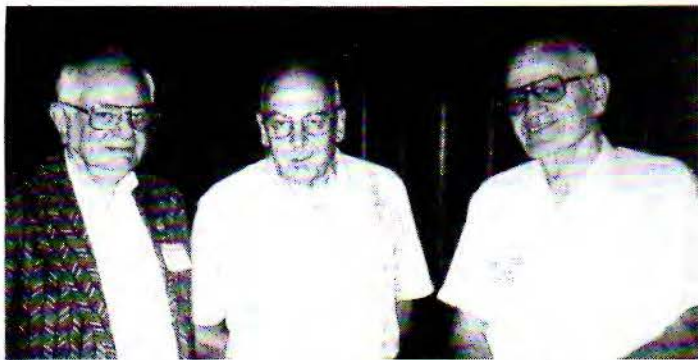
Chapter Reports

Cleveland Chapter 1

Our spring dinner meeting was April 25, at which investment broker Robert Sigman spoke on investments and alternatives for CDs.

Also well attended was our summer dinner meeting, Saturday, July 25, in Dimitri's Restaurant. Guest speaker Don Hilliker entertained us with a fascinating description of his hobby—treasure hunting with a metal detector. His "loot" includes a fistful of rings and old coins of all kinds—one dated 1831, and another picturing King George IV. Judging by the questions asked after the talk, some of us radio bugs were very excited!

We've added the following new members to our roster: Paul Poling, N8CKG; Chuck Koryta, WB8EOJ; Roland Romito, W8GTJ; Bob Simmons, W8HFE; George Harizal, K8HLJ; Jim Wimer, N8OOG; Cal Davidson, K8QGC; Ronnie West, W8RBE; and David Robicaux, KA8YC.



Pictured at the Cleveland Chapter 1 luncheon on July 13 are (left to right): Jack Goldfarb, W8WGO; Bob Briggs, W8MMC; and Frank Cook, W8HBG.

Bob Sidnell, W8KS, one of the two original surviving members of Chapter 1 celebrated his 96th (!) birthday in Ft. Pierce, FL on June 1. Bob goes back all the way to 1914, a real Old Timer, and his only complaint is that his legs bother him. Not bad for a nonagenarian... and living proof that ham radio is an elixir for longevity. Congratulations, Bob, and may you still have many more!

From the reports coming in, QCWA Chapter 1 members had a grand time in this year's Field Day. Our VP, W8GDQ supplied 2-meter equipment for the local club and put in an appearance at the field station setup.

An unusual rash of thunderstorms and tornadoes in northern Ohio this July had many QCWA members and other hams participating in the Skywarn Net. Local newspapers, radio, and tv channels gave full credit to the hams. Nice work, OMs!

We lost our longtime Chapter stalwart Robert Bloor, W8LYD, who succumbed to a heart attack on Saturday, February 29. Bob was very active in amateur radio and served as Secretary of our Chapter, among other chores. Also joining the Silent Keys were Gilbert M. Ludlow,

W8IY, and John James, W8IRM. Our sincere condolences to the bereaved families.

Tentative date for the fall dinner meeting is Saturday, October 17, again at Dimitri's.

Joseph Zelle, W8FAZ
24124 Glenbrook Blvd, Euclid OH 44117-1971

Mississippi Gulf Coast Chapter 52

The newly reformed QCWA Chapter 52 had its first meeting on July 9 at Quincy's. There were 13 members present with their guests. QCWA Director "El" Charlton, W5MD, from Baton Rouge, LA, presented the Chapter with its Charter, and we now have all the old records, banner, and hammer.

Officers elected are: President, Ernie Orman, W5OXA; and Secretary and Treasurer, Ken Burton, KI5LV.

We will have a 2-meter QCWA on-the-air meeting each Thursday night at 8:30 P.M. local on 147.225 MHz. (Eight of the 13 members checked into our first on-the-air net during a thunderstorm. Not bad!)

Our chapter is planning a membership drive, so anyone who would like to join the chapter, come on—you can pay your dues at the same time. Dues will be \$2.00 a year. Membership is open for Charter Members until Monday, October 5, following the Biloxi Hamfest.

Ernest E. Orman, Jr., W5OXA
15625 Little Joe Rd, Biloxi MS 39532

QCWA Journal on cassette . . .

The QCWA Journal is available on cassette tape for members who have trouble reading the printed edition.

Write to: Blanche Randles, W4GXZ
6002 N Fremont St
Tampa FL 33604



Chapter Reports

Leo I. Meyerson Greater Palm Springs Chapter 154

One-hundred-sixty-eight hams and their ladies attended our 7th Annual Spring Luncheon, held this year at the Erawan Garden Hotel. The night before, Leo Meyerson and Chapter President Don Doughty hosted a cocktail party at Don's Bermuda Dunes home. About 125 guests from all over the Southwest Region attended.

Our many out-of-town visitors included 29 from Arizona, 10 from San Diego, and others from Riverside, Inland Empire, Los Angeles, Big Bear, and so on.

QCWA was represented by General Manager Jim Walsh, W7LVN, who presented Leo Meyerson, W0GFQ with the QCWA 1991 Member of the Year Award in recognition of his many contributions to ham radio over the years—and most especially for his role in establishing the Radio Collection at the Western Heritage Museum in Omaha, NE.

Our new monthly luncheon meeting place, the Sunset Inn in Desert Hot Springs, is a vast improvement. Attendance has picked up to about 25 the last couple months.

We have a program most months, and good fellowship always. Come join us the second Thursday of the month, 11:30 A.M., at the Sunset Inn.

Our monthly newsletter (still nameless) is now in its second year. If you are not getting your copy, please give Treasurer Jerrie Stonier, K6INK a call at (619) 321-1885. She'll find out why not, and get you a few back issues to catch up.



Earl Shugarman, N6IZH (left) and John Connell, KJ6JY—owners of the Tram Repeater—enjoy the Chapter 154 cocktail party.



Chapter 154 founding President Bob Killeen, N6EHR (left) and first President Bruce Peterson, W6JWL show off their recognition awards, presented at the luncheon.



Chapter Secretary Stoney Stonier, WA6PEX and Mary Richards handle the check-in for the party.

Chapter Reports



Among the lovely YLs attending the Chapter 154 cocktail party were (from left): Gayle Shugarman, Helen Meyerson, and Phyllis Doughty.



Leo Meyerson, W0GFQ (left) receives the QCWA 1991 Member of the Year Award, presented by QCWA General Manager Jim Walsh, W7LVN.

Don Doughty, W6EEN
42-605 Byron Pl, Bermuda Dunes CA 92201

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Chapter Reports

Long Island Chapter 81

A very successful meeting was held on April 15 at our favorite restaurant, Tiffany's, in Bellmore, NY. Thirty-five members and guests were in attendance.

A moment of silence was observed to remember the passing of two of our members—Stan Owens, W2MT, and Mitchel Misiak, WB2GNA. We subsequently received information of the untimely passing of Alfred Jones, W2ZDB. For those of you who know Bob Scruggs, W2FRX, we regretfully report that his wife passed away.

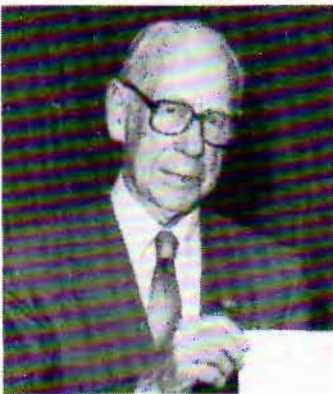
On the brighter side, a 50 Year certificate was presented to Robert Lochner, K2ROG (who, incidentally, was responsible for this author's upgrading from Tech to Extra). At our June 17 meeting, license longevity certificates were presented to Robert Cobaugh, W2AY (60 Years); Richard Dietz, W2CZK (60 Years); and Charles Baker, W2KTF (55 Years). Dave Winter, W2AUF was appointed Nominations Committee Chairman.

As in the past, Chapter 81 will hold its summer picnic in conjunction with the LIMARC picnic on July 19 at Eisenhower Park.

*Sidney Wolin, K2LJH
3072 Clubhouse Rd, Merrick NY 11566*

Treasure State Chapter 104

The spring meeting of Treasure State Chapter 104 was held at the Fairmont Hot Springs between Butte and Anaconda, MT, on April 11. Thirty-seven members and guests were present for a nice luncheon, which was followed by a short business meeting. A 60 Year certificate was presented to Orval Hill, W7DB.



Orval Hill, W7DB

international gathering brings a number of members from other chapters to our meeting, but often we get a limited number of our own members because of the distance to be travelled.

Eleven voting members were present at this year's summer meeting. A 60 Year Certificate was taken to Art Jacques, W7BOZ. Art is in ill health and cannot always attend our meetings.

Following the meeting, Jennifer Dye, N7DKP showed a beautiful and expertly composed slide program of a trip to the Holy Land which she and her husband, WB7SIM made a few years ago.

Treasure State Chapter has been holding three meetings each year, but only our summer Annual Meeting has a fixed date—the third weekend in July, at the Glacier Waterton Hamfest. This truly

Because of the excellent facilities and good service available to us at Fairmont Hot Springs, as well as a central location (except for far eastern Montana), the fall meeting will be held there on October 17.

We will continue to hold a QCWA meeting at the Glacier-Waterton Hamfest, but we will set this up as a social meeting for any members of any chapters. If you will be in Montana the third weekend of July, look us up. The Hamfest is located on US Highway 2, about 12 miles east of Essex, MT.

*George T. Hanson, W7BKB
PO Box 1727, Columbia Falls MT 59912*

Kansas City Chapter 35

Kansas City Chapter 35 held its annual Spring Banquet on May 14 at the Elks Club in South Kansas City. The attending 50 members and spouses were welcomed with a fellowship hour featuring the piano music of member Mary Jo Hallberg, K0TGU.

Don Mehl, W5BB, our MC for the evening, gave a narrated slide update on the recent Dayton Hamfest, and Bill McGrannahan, K0ORB updated us on WARC-92 and beyond. A lively question and answer period brought out the general feeling that—due in part to no-code licenses—ham radio is a growing hobby, alive and well.

The KC QCWA group meets Thursday at 11:00 A.M. weekly at Wyatt's Cafeteria in Mission, KS, and invites visitors when you're in the area. The noon luncheon count ranges between 20 and 30 people.

You can see KC is a dedicated bunch of QCWA folks!



Bill McGrannahan, K0ORB (left) talks with Secretary/Treasurer Larry Reeves, WA0GKZ before Bill updates Kansas City Chapter 35 on WARC-92 and beyond.

*Cass Cassing, W0GJG
8703 W 76th St, Overland Park KS 66204*

Chapter Reports

El Paso Chapter 64

At the regular meeting in March, Walt Liggett, W5BFN was presented a QCWA Award for 55 years of amateur radio service. Chapter 64 Life Memberships were presented to Robert L. Stanford, W5JCT; Bart Thwaites, W5SQM; Clay Emert, K5TRW; and Manny Gonzalez, W2BFI. Other Chapter 64 Life Members include Bob Carroll, K5IE; Andrew Pflug, W5VTA; Leo Oyler, W0GOW; Patrick McAulliffe, K6QPZ; and John Moore, K5RK.

At the regular meeting in April, Wally Palmer, W5KWH received his Golden Anniversary Award. A special 70th Anniversary Award was presented to Noel Olmstead, W5URT.

Rick Rumbaugh, WA5PIE walked away with almost all of the WAE awards. He got the QCWA, Most States, Most Countries, and Most Points, as well as the Ambassador and WAT (Worked All Turkeys) awards.



Chapter 64 Life Memberships were presented to (from left): Manuel Gonzalez, W2BFI; Clay Emert, K5TRW; Bob Stanford, W5JCT; and Bart Thwaites, W5SQM.



Chapter 64's Norm Young, WIHX has received a 70 Year award, and Tisha Young, WINUO a Golden Anniversary Award.



Robert Carroll, K5IE (left) presents Golden Anniversary Award to Taft Nicholson, W5ANB.

We wish best regards to Jerry McTernan, W5YV; Noel Olmstead, W5URT; and C.W. Hiatt, N5HRD. Jerry is recovering from chemotherapy treatments; Noel is recovering from a coronary; and C.W. is convalescing after open heart surgery. Our sincere wishes for a speedy recovery to you all.

*Robert J. Carroll, K5IE
10025 Suez Dr, El Paso TX 79925-4636*

Suncoast Chapter 53

The Suncoast Chapter of QCWA held their last monthly meeting of the year at the House of Chong in Sarasota on May 7. There were 39 members and guests present.

Mary Ryden, K8ONV reported for the nominating committee as follows: President, Art Miligan, W8KW; Vice President, John Karban, W3IGC; and Secretary/Treasurer, John Fogel, WD7H.

Due to the sudden death of Larry Pearsall, W9FDY, it was decided to combine the offices of Secretary and Treasurer for the present. The slate of officers was elected by a unanimous vote.

Art Miligan, W8KW did a fine job representing our chapter in the QCWA QSO Parties by placing third in the phone party and ninth in the CW party.

It was decided to continue our informal get-together luncheons at the Trolley Station in Venice at 11:30 A.M. on the first Thursday of June, July, August, and September. Our regular meetings will resume in October at the House of Chong.

*Bob Bookwalter, W4NWF
728 Valencia Rd, Venice FL 34285-2141*

Chapter Reports

Central New York Chapter 28

Central New York Chapter held its spring luncheon meeting at the Red Lobster in Vestal, NY on June 18, with 35 members and guests attending. A short business meeting was held after the luncheon, and the following officers were elected: Chairman, William Valky, K2MFB; Vice Chairman, Samuel Horwitz, W3HOR; and Secretary/Treasurer, Alton Decker, W2PWN.

A recent review of our computerized membership database revealed that our members have accumulated 1,530 years of ham radio experience, with an average of 46-plus years per member. We would like to issue a friendly challenge to other chapters for their comparable figures. Any takers?



Former and newly elected officers of Chapter 28 are (from left): Chairman William Valky, K2MFB; Secretary/Treasurer Alton Decker, W2PWN; former Chairman Leroy Hartman, W2UBU; and Vice Chairman Samuel Horwitz, W3HOR.

*Alton Decker, W2PWN
15 Cornish Ave, Binghamton NY 13901*

Wisconsin Badger Chapter 174

The spring meeting of QCWA Wisconsin Badger Chapter 174 was held May 9 at Fannies Supper Club near Neillsville. Ed Pekol, W9FPE had made the arrangements, which were enjoyed by 27 members, spouses, and friends. A social hour was held before everyone sat down to a delicious family-style dinner.

After the tables were cleared, President Baird, W9NN opened the meeting with a big thank-you to Ed for the excellent choice he made for our get-together. The Secretary, W9BCC read the minutes of the last meeting, and the Treasurer, W9GHY gave his report on our financial status.

The next order of business was a discussion on our Sunday morning net. It was decided to move the net to 4:00 P.M. on Sunday afternoon, with the hope of having better

attendance. We also agreed that our fall meeting would be held in the Stevens Point area.

Our annual meeting will be in September, when terms will expire for the officers and two directors. The President appointed W9CUW, W9RZW, and K9UTQ to the nominating committee.

After a brief interlude, the President introduced our speaker, the Honorable Michael Brennan, N9MCH, Circuit Court Judge for Clark County. Everyone thoroughly enjoyed the Judge's presentation, which was both humorous and enlightening.



Treasurer Michael Peters, W9GHY (left) and President Bob Baird, W9NN have some good-looking QCWA caps for sale.

*Frank L. Guth, W9BCC
1632 Ellis St, Stevens Point WI 54481*

German Chapter 106

After the common dinner, Vice President Heribert, DL9YP (President Otto, DL8AJ is still recovering from some surgery) welcomed the 24 OM's, 22 YL's and one YI attending. Secretary Albert, DL9AR then continued and read a letter from the President plus greetings from DJ1TE, DK5LI, DK9LI, DL1PR, and DL6MM, who could not attend for various reasons.

A moment of silence was observed for those who became Silent Keys since last meeting—DL1LD, DJ3YC, DL9JZ, and DL9NJ.

DJ5ND and DL6GX were elected auditors, charged with giving approval to the Treasurer's accounting. Secretary DL9AR then gave a short report about the activities of the Board of Directors, which included representing QCWA at various meetings and events—HAM RADIO, Friedrichshafen, DNAT, and a joint booth with OOTC at the Hannover INTRADIO. Albert, DL9AR has proposed changing the QSO Party rules so that non-members may be contacted.

Benmoehr, DL1NP

Chapter Reports

Suwannee Chapter 62

The Suwannee Chapter held its June 25 meeting at Stacey's Buffet, 36th Avenue, Ocala, FL. There were 25 members present. Our reduced attendance was attributed to members being on vacation and going north to escape the heat.

Our August 27, October 22, and December 10 meetings are scheduled at Stacey's at 11:30 A.M. We welcome visitors to all of our meetings and look forward to our returning regulars.

After introductions, Jim Keele, K2SN, in the absence of Bob Henry, W4PFQ, offered the invocation. Many thanks, Jim, for serving on such short notice.

Following lunch, President Doug Morick, W3NNT turned the meeting over to Director Art Anderson, W4DZR, program chairman for the day. Art had the pleasure of introducing our guest speakers—Betty Reich, WD9GQV

and Jodi Henderson, KA9W—who spoke on Pitcairn Island.

Their presentation was a chronicle of Betty's extended visit to Pitcairn. Her slides gave you a feeling of being there, and Jodi's narration was just perfect.

It was interesting to learn about conditions in VR6 -land from someone who had lived there for an extended period, and we all wished we could have been there. Our special thanks to Betty and Jodi for a wonderful program.

Remember the Suwannee Chapter Net meets every Saturday at 9:00 A.M. local time on 3940 kHz. Check in, receive a cheery welcome from Adis, W4PFJ, our net manager, and chat with the gang. All are welcome.

Until next time—73.

*Doug Morick, W3NNT
8680-J SW 94th Ln, Ocala FL 34481*

West Virginia Chapter 30



Attending West Virginia Chapter 30's spring meeting were (standing, left to right): George Ward, W8JWX; Jack Davis, KA8WNO; Bill Godwin, K8TPF; Ron Selders, N8GJO; Red Devores, W8LYV; Chuck McClain, K8UQY; Art Ellis, W8PBO; Tom Haymond, W8CCN; Frank Wilkin, WA8LFZ; Bob Hough, W8ESQ; Laymon Knicely, W8CCR; Arnold Sayre, W8WVM; and Aubrey Stansberry, W3FFO. Seated, from left to right, are Bob Pullen, K8GAG and Jim McEwuen, W8GUL.

West Virginia Chapter 30 held their spring meeting on Saturday, May 16 at the Western Sizzlin' Steakhouse in Gassaway. President Sam Moore, W8NCD and Secretary/Treasurer John Peters Palagino, WD8IBN were not present due to other commitments.

Twenty-eight members and guests attending were treated to the leadership of Laymon Knicely, W8CCR as

acting President and Jim McEwuen, W8GUL as acting Secretary.

The fall meeting for West Virginia Chapter is scheduled for September 19 at 5:00 P.M.

*John Peters Palagino, WD8IBN
PO Box 2774, Clarksburg WV 26302*

Chapter Reports

Central Arkansas Chapter 158



Chapter 158 President Bob Ideker, WB5VUH (right) presents QCWA Anniversary Awards to Charles Koon, WB5HES (left, 55 Years) and Cecil Suitt, W5AYH (center, 60 Years)

The first 1992 meeting of Central Arkansas Chapter 158 was held on February 15 at Wyatt's Cafeteria in Little Rock, AR. Fifteen members and guests attended the luncheon meeting.

President Thomas A. Spencer, Jr., W5IGM conducted the business meeting, which included election of Chapter 158 officers for 1992-93. Officers are: President, Bob Ideker, WB5VUH; Vice President, William C. McClintock, K5SGG; Secretary-Treasurer, J. Phil Powledge, K5SVS; Directors, Harold W. Harrison, W5DFZ; J.P. "Pem" McRae, W5EKD; and Thomas A. Spencer, Jr., W5IGM.

Our February meeting program was a tour of the KTHV-TV Channel 11 transmitter facility on Chenal Mountain. We wish to express our appreciation to Cecil Suitt, W5AYH, who made arrangements with KTHV and also conducted a very interesting and enjoyable tour. Cecil was Chief Engineer at KTHV from its first days on the air until his retirement a few years ago.

Our second meeting of the year was held on June 20 at the Baptist Medical Center in Little Rock, with sixteen members and guests present.

President Bob Ideker, WB5VUH presented QCWA Anniversary Certificates to Charles P. Koon, WB5HES (55 Years) and to Cecil L. Suitt, W5AYH (60 Years). Congratulations, gentlemen!

It was decided by vote of the members present that the number of chapter meetings will be increased from four to six per year.

A get-well card expressing best wishes for a speedy recovery was signed by all members present and sent to QCWA President Emeritus Leland Smith, W5KL, who had been hospitalized in a local medical center a few weeks before the meeting.

The winner of our door prize was William Kiser, WM5H. The prize was a one-year extension of chapter membership dues. Actually, the prize was going to be a QCWA cap until we recognized that Bill already had one!

Our June program was a videotape tour of the ARRL Headquarters and WIAW at Newington, CT. President Bob Ideker presented this very enjoyable and informative program.

Chapter membership now stands at 34. We are pleased to announce that the following members have joined the chapter since the first of the year: Serena Bailey, W5RJF; Russell D. Graham, W5RDT; David C. Hammons, W0LED; William M. Harris, W5YHR; D. Andrew Henry, K5XT; John M. Jolly, W5ZXS; and John L. Peterson, W5EKM.

*J. Phil Powledge, K5SVS
PO Box 3171, Little Rock AR 72203*

Chapter Reports

Hudson Valley Chapter 181

The regular summer meeting of Chapter 181 was held on June 13 at the Sandalwood Restaurant, Ramada Inn, Armonk, NY. In attendance were 25 members and guests. Chapter membership is now 33, and membership cards were distributed to those present.

The Chapter was honored by the presence of Milton Chaffee, W1EFW and his wife, Katherine. Milt gave an informal review of some issues of interest on the QCWA Board of Directors. He also noted some aspects of operation within his Nutmeg Chapter of special interest to our new chapter.

A very interesting talk was given by member Bill Hellman, NA2M, on the process whereby incoming DX QSL cards for the W2 district are obtained, sorted in two steps, and mailed to the stations by the North Jersey DX Association. The NJDXA handles over a million cards a year with an invited membership of less than 50. Also, NJDXA maintains its established position as an entity in the DX world, hosting world famous DXers both at home and in their famous hospitality suite at Dayton.

President Dick Robinson, W2OZA discussed the next event, a joint picnic with CONEX and other chapters, to be scheduled in August or September. The next meeting of Chapter 181 will be in October.

*Dick O'Brien, NJ2J
50 Quinn Rd. Briarcliff Manor NY 10510*

Central Coast Chapter 75



Pictured at the April 25 luncheon of Central Coast Chapter 75 are (from left) QCWA Director Bob Rickey, NF6P; guest speaker Glen Boire; and President Dave Medley, KI6QE.

A serve-yourself buffet luncheon of Central Coast Chapter 75 was held on April 25 at Maria Del Sol, 1405 E Main St,

Santa Maria, CA. We had reservations for 45 people, plus a great program, which we all enjoyed to the fullest.

During dessert time, our QCWA Director Bob Rickey, NF6P brought us up to date on activities of the Directors during the last six months. To add a little zest to the luncheon, a flat of fresh strawberries and a bottle of champagne were raffled off.

Our program, supplied by Program Chairman and Vice President W6RBB, was given by Glen Boire, Senior Meteorologist with the weather unit at Vandenberg AFB. His experience in meteorology dates back to 1960, and he exhibited two weather balloons.

*Dave Kreiss, W6ELH
628 E Alvin Ave, Santa Maria CA 93454*

Inland Empire Chapter 130

Our annual picnic was held Saturday, August 1 in the Upland Memorial Park, Upland, CA. Members and spouses enjoyed a potluck lunch amid towering shade trees. Hardly a dent was made in the supply of delicious food brought for the occasion.

The affair was well attended by members of the Floyd Henderson Chapter 177 centered in nearby Riverside. Ordinarily, Chapter 177 has a monthly meeting of their own, but it was cancelled in favor of attending the picnic. This afforded the welcome opportunity to meet and visit with some of their members.

Ray Furlong, W6QIL and spouse, Theresa, represented Los Angeles Chapter 7. Ray well known for his QSO Party activities, also knows how to bake delicious pies. Be sure to come again, Ray!

Walt Joos, W6EKM coordinated the activities at the Swap and Show-and-Tell table. It wasn't a large activity but some good buys were to be had. The antique equipment—and replicas thereof—on display created a lot of interest. Thanks to members of Chapter 177 for bringing some of the equipment and sharing it with the group.

With perhaps 40 in attendance, it was not a large affair, but the fact that many stayed to enjoy the small talk as the afternoon wore on indicated that it was a success. We will look forward to next year . . .

*Bob Rickey, NF6P
8532 Red Hill Country Club Drive, Cucamonga CA 91730*

Chapter Secretaries . . .

Deadlines to have your *QCWA Journal* Chapter Reports at Headquarters are: November 1 (Winter), February 1 (Spring), May 1 (Summer), and August 1 (Fall).

As you can see, we love to print pictures—the larger and finer the quality of your original, the better. Black-and-white prints look a bit nicer than color; and *please identify everyone* in your photo. **Thank you!**

Chapter Reports

Southern Ontario Chapter 73

The annual meeting of Southern Ontario Chapter 73 was held in the Mohawk Inn, Campbellville, Ontario, on May 9, with 65 members and guests in attendance. President Harry Reynolds, VE3MO presided and Secretary/Treasurer Fred Wilkinson, VE3AJW took care of the minutes and financial reports.

Since this was the annual meeting, a new executive was elected for the two-year period 1992-1994: President, Al Bonner, VE3FY; and Secretary/Treasurer, Roy Burton, VE3DTA.

With deep regret we reported the passing of Bill Choat, VE3CO, on April 20. Bill was a founding member, charter member, and Custodian (Historian) of Southern Ontario Chapter. His wise counsel will be missed.

Reports were made by various committees. Tom Atkins, VE3CDM, Secretary, Region 2, IARU, gave a very interesting report on the WARC 92 meeting in Torremolinos, Spain.

A note of interest: the December 1991 issue of *QST Canada* named Tom Atkins, VE3CDM as "1991 Amateur of the Year" for his many years of service on behalf of amateur radio in Canada and around the world. Our heartiest congratulations to Tom.

Southern Ontario Chapter no boasts of having two families who are full members of QCWA: the Weedmark family of OM Norm, VE3NFW; XYL Doris, VE3NFV; and son John, VE3AIG; and the Card family of OM John, VE3RW; XYL Jean, VE3CKH; and daughter Mary, VE3FEB. We are very proud of our family participation and wonder how many other chapters can make such a boast.

Outgoing President Harry Reynolds, VE3MO presented a QCWA Life Membership pin to Fred Wilkinson, VE3AJW as a memento of appreciation for the dedication and exemplary work as Secretary/Treasurer during his tour in office. Many thanks, Fred, for a job well done. The new executive—President Al Bonner, VE3FY and Secretary/Treasurer Roy Burton, VE3DTA—are wished every success.

*Harry W. Reynolds, VE3MO
RR1, Jarvis, Ontario Canada N0A 1J0*

Lee deForest Chapter 123

A QCWA luncheon was held May 23 at the Marina Inn, South Sioux City, NE in conjunction with the Midwest Division ARRL Convention. There were 52 members and guests attending, representing Chapters 123, 102, 25, 8, and others. QCWA Director Walt Brink, W3WPY, was present and participated in the luncheon program. Walt also visited with people attending the convention at the QCWA table, signing up seven new members.

Lloyd Angle, W0RWE received a Century Club certificate and Roger Kehm, N0HCR was awarded the 50 Year Gold Certificate. The awards were presented by Chapter

123 President Bob Beals, K0DBW. Both members receiving awards were members of Chapters 123 and 102. Mindy Schauer, WB0YDG, President of Chapter 102, made a gift presentation to Dave Dekker, K0ERM, Secretary of Chapter 102, for his work in activating the chapter.

Following the awarding of door prizes, we held a short business meeting, reelecting the present officers for a two-year term: President, Robert R. "Bob" Beals, K0DBW; Vice President, Verlin "Buzz" Rowley, K0BRE; and Secretary-Treasurer, Alvin H. "Al" Smith, W0PEX.



Attending the May Chapter 123 luncheon were (from left): Walt Brink, W3WPY; Roger Kehm, N0HCR; Lloyd Angle, W0RWE; and Bob Beals, K0DBW.

*Al Smith, W0PEX
3529 Douglas St. Sioux City IA 51104*

Dogwood Chapter 98



Officers pictured at the June meeting of Dogwood Chapter 98 are (from left): Secretary Ernie Savage, VE7FB; President Paul Johnson, VE7FJO; Vice President John Goodfellow, VE7CGO; and Treasurer Dave Gilmour, VE7YG.

Chapter Reports

Southeast Wisconsin Chapter 162



Here are seven of the ten Chapter 162 members who worked on the QCWA election ballot count. Seated, left to right: Steve Bellgraph, K9ZL; Larry McCalvy, WA9JMO; and Bruce Zabler, K9RRS. Standing, from left: Bob Jensen, W0WLN; Chuck Knotek, W9GKM; Bill Komistra, W9OVZ; and President Ed Konicek, W9NVK. Those not shown are Fern Fisher, W9LCJ; Ken Knoff, N9NBC; and Art James, KB9DJN.

During May, June, and July the Chapter was engaged in receiving and processing ballots for the 1992 QCWA international election. Ten members helped to pick up ballots at the post office, serially number each ballot, determine and annotate (when possible) the point of origin from postmarks, count the number of votes on each ballot, and enter vote information into computers.

The computer program provided by John Miller, W0IKT, from Chapter 89—which did the count last year—and written by Herb Lacey, N4UE, was very easy to use and did a fine job of recording the votes.

Election results went to the QCWA Secretary and General Manager after the completion of the count. All ballots were audited to insure that votes were recorded accurately.

The chapter took on the job of disposing of the ham equipment of deceased member Herman Bielefeld, W9SFK, and was able to sell nearly everything for the family.

A chapter picnic is scheduled for August 23 at "Decision Farm," home of member Larry McCalvy, WA9JMO and wife Wendy, who recently received her license as N9PAC.

*Robert N. Jensen, W0WLN
5616 Cambridge Ln #6, Racine WI 53406*

North Texas Chapter 114

A regular meeting of the North Texas Chapter 114 was held at 11:30 A.M., Saturday, May 23, at Luby's Cafeteria in Wichita Falls, TX, with 13 members and XYLs present. The meeting was called to order by President Joe Boucher, W5NQD, with an invocation by Joe Ward, W5AAX.

Joanie gave her traditional African violets to the following holders of lucky numbers: Geneva Neal, XYL W5NRI; Evelyn Ward, XYL W5AAX; and Evelyn Boucher, XYL W5NQD. Paul Gose, W5CJE was installed as Director, and Charles Neal, W5NRI was appointed to chair the nominating committee.

We discussed a possible September joint meeting with the Amarillo chapter, but will contact the President of that club first. Our next meeting on July 18 will be a potluck lunch at the Lake Wichita QTH of John Adams, W5BAH. The first angler to catch a fish will be given a five-dollar prize!

Everyone enjoyed our program—a video, provided by Joe, W5NQD of hams in the space shuttle—and we adjourned at 1:00 P.M.

*David I. Combs, W5VJW
2000 Victory Ave, Wichita Falls TX 76301*

Chapter Reports

Central Oklahoma Chapter 63

Our quarterly lunch was held in April at Jim's Restaurant, NW 39th and Council Road, Oklahoma City, with 20 members and one visitor present. An invocation was given by our visitor, ARRL Oklahoma Section Manager Joe Lynch, N6CL.

We then awarded our Secretary-Treasurer, Norm, W5FLO an antenna to be installed on his new automobile: an ancient, beat-up, corroded loading coil and an equally decrepit antenna, accompanied by an old oversize punch and sledge hammer.

Another fun award—consisting of a 50-pound battery—was given to another member to carry around for power to his handheld rig.

The meeting was concluded with a discourse on our activities in the upcoming Oklahoma State Convention-Ham Holiday on July 24–26 at the Oklahoma City Fairgrounds.



Central Oklahoma Chapter 63 officers are (from left): Secretary Norm, W5FLO; Director Gene, K5DLE; Director Fred, W5NL; Vice President Carol, K5CPZ; President Joe, W5YPN; and Director George, W5DLC.

*Joe McKinzey, W5YPN
3320 NW 41st St, Oklahoma City OK 73112*

Harrisburg Chapter 37

Chapter 37 began its quarterly meeting at 12:28 p.m. on June 13 at the Bonanza Steakhouse. Twenty-three members and three visitors were present. No silent keys were reported, although John Davis, W3RFO is said to be gravely ill.

*David O. Barrows, W8IJ
271 E Crestwood Dr, Camp Hill PA 17011-1209*

Delaware Valley Chapter 5

The April meeting of Delaware Valley Chapter 5 was held on the 24th at Manny's Place, Bristol, PA. The luncheon started at 12:00 noon and was attended by 28 members and guests. Everyone had the opportunity to order from the menu so they enjoyed whatever they ordered.

Part of the program was the showing of the ARRL video "Spark Gap," a very nice trip back to spark days for everyone—especially the *real* Old Timers.

Our guest speaker was Charles Aldorf, W2FBE. Charley spent 70 years in Brooklyn, NY, serving 31 of those years in the NY Police Department. He retired with the rank of Captain and was a Precinct Commander. Charley also served as a shipboard radio operator for a short time. We all enjoyed his humor and his stories about both radio operating days and experiences in the police department.

On June 4, Delaware Valley Chapter 5 held its meeting at the Naval Air Warfare Center, Warminster, PA. A buffet luncheon and a tour of the facility were arranged by chapter member and host, Doug Crompton, WA3DSP, an employee of the Center.

During the luncheon, Chairman George VanDyke, W3HK welcomed all those attending and held a short business meeting. Doug, WA3DSP then introduced each of four retired Center employees who are members of the Chapter and were present at the meeting—including a brief summary of each employee's tenure at the Center.

Our group was given a very interesting tour of the facility. Among the points of interest were a very large computer communications center, an ejection seat test tower, and a dynamic flight simulator—the largest centrifuge in the U.S., where early astronauts were trained. This simulator is now used to study flight under various "G" forces.

Our chapter's regular informal monthly luncheon of the "Buccaneers" group meets the first Wednesday of each month at Manny's Place, 12:00 noon. Anyone is invited to attend.



From left, Chapter 5's Marvin Foral, W3QGC; Ed Keener, W3AJS; Jack Power, W2AXU; and Dick Schubert, K3PGC.

*Don Field, W2UAE
101 Denow Rd, Lawrenceville NJ 08648*

Chapter Reports

Nebraska Chapter 25

The Annual Meeting of QCWA Nebraska Chapter 25 was held in Grand Island, NE on May 5. This was a luncheon meeting with 35 members and wives present.

The Board of Directors met prior to the luncheon to consider issues of interest. It was decided that recruiting activities should be accelerated. A mailing to all chapter members will be made with a request for nominations for positions to be filled for the 1993-94 term. It was also decided that since the 1993 Annual Meeting is to be held in Lincoln, a more suitable location should be found.

It was indeed a pleasure to see Harry Snyder, W0RN and his sidekick Jerry Higgins, W9INP, President of the Barry Goldwater Chapter, when they made a surprise visit enroute to Omaha for an auction. Harry and Jerry took advantage of the trip to make many stops to see friends on their way back to Carefree, AZ, where they both reside.

Members were especially pleased with a presentation made by Vice President John McKinney, W0AP, telling about his adventures aboard a fishing vessel on which he serves as radio operator. His duties take him into Alaskan waters and anywhere the fish are to be found—mostly up and down the western coast of the continent.

We wish to extend our greetings to all QCWA members and intend to make more regular submissions to the *QCWA Journal*.

73, Chapter 25

Washington, D.C. Chapter 23

Vic Clark Chapter 91

The FAR/QCWA Spring Banquet was held at Martin's Cross Winds in Greenbelt, MD on Sunday, May 10. The Washington, D.C. Chapter 23 and Vic Clark, VA Chapter 91 sponsored this affair, along with FAR (Foundation for Amateur Radio). John Simpson, the 1991 Director of the Secret Service, was the guest speaker. He explained the mission and responsibilities for this important Government activity.

Golden Awards were recognized for the following Chapter 23 members: John Corkill, W3RMQ, 50 Years; Hugh Turnbull, W3ABC, 60 Years; and Frank White, W4OEZ, 60 Years. Chapter 23 Secretary/Treasurer Stan Brigham, W3TFA made a presentation to Granville Klink, W3AFV, 65 Years.

John Swafford, W4HU, QCWA Secretary, and Jack Kelleher, W4ZC, QCWA Director, presented Golden Awards to several Chapter 91 members.

About 50 people were present for this annual affair. It was expected that a greater number would have attended had the date not coincided with Mother's Day.

*Stan Brigham, W3TFA
7211-16th Av, Takoma Park MD 20912*

Ft. Worth Chapter 72

Chapter 72 held its meeting on July 18 at the home of Betty and Ray Hennington on Cedar Creek Lake. Fifty-six QCWA members and wives were in attendance. Clubs represented were from Ft. Worth, Dallas, Tyler, Athens, and Cedar Creek.

President John D'Andriole, W5NNU asked the group to observe a moment of silence in memory of Silent Keys Harold Neher, W5AXO; Bill Bonnell, W5TI; and Bart Blett, W5SXW, who had died since our last year's picnic.

Antique radio receivers and transmitters were on display and many memories of past amateur operations were discussed. Our heartfelt thanks to Ray and Betty for inviting us to their Cedar Creek Lake home.



Ft. Worth Chapter President John D'Andriole, W5NNU (left) holds a Meritorious Award presented to Ray Hennington, W5IWE (right). Ray also received a fine antique microphone.

*Jack Dye, W5TPU
6917 Wycliff, Ft. Worth TX 76116*

Crater Lake Chapter 153



Maxine Willis, W6UHA (l) receives her 50 Year Continuous Licensing certificate from Bob Benafel, NB7J.

Newly Elected QCWA Directors Include Jack Troster, W6ISQ and Arch Doty, K8CFU, plus Three Currently on Board

Candidates for the 1992-1994 QCWA Board of Directors received the following number of votes in the spring election:

El Charlton, W5MD	3,197
Milt Chaffee, W1EFW	3,050
Jack Troster, W6ISQ	2,866
Bob Rickey, NF6P	2,770
Arch Doty, K8CFU	2,755
John Weber, KA2IXW	2,313
L. Higgins, W5QMV	2,076

Those five candidates receiving the most votes have been elected to a two-

year term, effective September 1, and will be installed at the October convention in Scottsdale. El Charlton, W5MD; Milt Chaffee, W1EFW; and Bob Rickey, NF6P are incumbents; Jack Troster, W6ISQ and Arch Doty, K8CFU are new to the Board.

Addresses and telephone numbers for all current QCWA Directors appear on page 91 of this issue. Votes were tallied by Southeast Wisconsin Chapter 162—you'll enjoy their Chapter Report on page 103.



Chapter 162's Bob Jensen, W0WLN (standing) points out a feature of the ballot counting program to Art James, KB9DJN.

QCWA Scholarship and Building Funds Continue to Grow

Thanks to the generosity of many of our QCWA chapters and individual members, our Scholarship and Building Fund balances continue to grow.

Many chapters and members frequently give to the Scholarship Fund in memory of QCWA Silent Keys, while others made contributions to the QCWA Building Fund. The QCWA Board of Directors, at the 1992 fall meeting and convention in Scottsdale, will be approving 1993 scholarship grant availability for amateurs seeking college degrees who have been recommended by QCWA members.

Only the interest earned on the Scholarship Fund is used to finance grants. Contributions to the fund have never been used for grant purposes, and every contribution received adds to the invested principal. This is a perpetual program for the good of amateur radio, which all of us should take pride in supporting.

If you or your chapter are thinking about contributing to the Scholarship

Fund, you may wish to make it before December 31 so that, if appropriate, the contribution may be included on your 1992 income tax returns.

The same is true of the Building Fund. Although there is no immediate urgency to purchase land or a building at this time, it is the hope that at some time in the future QCWA will be financially able to purchase a permanent home for QCWA Headquarters.

Memorial Fund donations received between February 5 and August 1, 1992 are as follows:

<i>Donor</i>	<i>Honoring</i>
WA5WAR, W5KL	W5HD, W5POH
K2EEK, K2MGA	N4IN
Mr. & Mrs A. Baisden	N4IN
W8PH	-
Chapter 89	W4CO, W4BEN
Thetis Bloor	W8LYD
Chapter 126	W4BNU, W4ACY
Rowan ARS	W4BNU
Chapter 21	-
Chapter 55	W9TVA
W4QI, K4VVA	W4BNU
K4JNH, KD4JAT	W4BNU
N4DVH	W4BNU
WA4MII	W4BNU
W4VQX	W4BNU

W4CEL	W4BNU
KX4G	W4BNU
N4GTU	W4BNU
K4JJA	W4BNU
WD4EAU	W4BNU
Chapter 108	All SK of Chapter
Chapter 55	W9SFK
Chapter 77	All SK of Chapter
K4LMB	-
W5KL	-
W5IKB	W5AXD
Chapter 123	-
Chapter 38	K5QHF
Chapter 89	W9EDG
Chapter 21	K8PSE, WA8RQX, W8WNR, W8OYV
Chapter 148	-
Chapter 19	W0FWY
Chapter 55	W9NYI
W2KPR	-
Chapter 32	W4PWB
Chapter 149	-
Chapter 20	W3AC, W3APA, K3AW, K3CN, W3HWZ, W3LO, W3BOU, W3WQ, WA3RUL, W3GR, W3CAY, W3HNT, W3KKY, W3OAK, W3VAG, W4OBB
Chapter 49	W4BIW
W4NZJ	W4BIW
Chapter 39	Margaret Dye
W5KL	W4BIW

Leland Smith, W5KL

How to Nominate a QCWA Member for an Honor Award

Once a year the Board of Directors of QCWA reviews the nominations of members for the Honor Awards and, by vote, selects those considered to be worthy of receiving awards. QCWA members are encouraged to participate in this activity by preparing and submitting nominations.

This article discusses the Honor Awards and the method by which any member can nominate another member for one or more of the awards. The requirements for giving each award, and a procedure to be followed for making a nomination, are provided.

The purpose of the QCWA Honor Awards is to honor those QCWA members who have made outstanding contributions to QCWA, amateur radio, or the general public in the field of communications. There are currently six Honor Awards:

- Hall of Fame
- Roll of Honor
- John DiBlasi
- Distinguished Service
- Member of the Year
- Presidential

Award requirements

The requirements which an award recipient must meet are as follows:

Hall of Fame: This honor may be given to any QCWA member who has made an outstanding contribution to amateur radio in general or to the communications community in matters affecting the general public. The contribution may be a single event or multiple events which have earned the recipient substantial favorable recognition at the national or international level. It is the most prestigious award given by QCWA.

Roll of Honor: This honor award may be given to any QCWA member who has made a substantial contribution to QCWA, amateur radio, or the general public in the area of communications. Unlike the requirements for the Hall of Fame Award, national or international recognition of these achievements is not a requirement. This award is the second highest given by QCWA.

John DiBlasi: This honor award may be given to any QCWA member who has over a long period of time made an outstanding contribution to the honor and preservation of our Association. This is the third highest award given by QCWA.

Distinguished Service: This award may be given to any QCWA member in recognition of outstanding service to QCWA. It is the fourth highest award given by QCWA.

QCWA Member of the Year: This award may be given to the QCWA member who has made the greatest contribution to QCWA or amateur radio during the preceding year. The award may be given more than once to the same member. It ranks equally with the Distinguished Service Award as the fourth highest award given.

Presidential: This important award is designed to be given to individuals, either amateur or non-amateur, who have made significant contributions to amateur radio. The recipient does not have to be a member of QCWA. It is awarded at the President's discretion, but any amateur may make a recommendation to the President.

Selection procedures

Honor Awards are granted by the Board of Directors at their yearly Spring meeting. Award recipients will be notified as soon as possible after the meeting. Arrangements will be made for their presentation or delivery.

If there is no nomination for any of the awards, or should nominations be

rejected by the Board of Directors, the award will not be made that year.

No Officer, member of the Board of Directors, or Headquarters Staff will be eligible for an Honor Award during his/her term of office.

All QCWA members are encouraged to make nominations. However, the following procedure must be followed:

■ Each member must prepare a comprehensive, detailed, written description of the qualifications of each nominee for each award. This may take a bit of effort, but include every bit of accurate information possible.

■ Each nomination must be in the hands of the Publicity & Awards Committee Chairman no later than March 1 of the award year. The current Chairman is Bob Rickey, NF6P, 8532 Red Hill Country Club Dr, Ranch Cucamonga CA 91730-1928.

Each QCWA member should give serious thought to his friends and associates. If you know of someone who has made significant contributions to the Association, or to the communications community in general, nominate him or her. All nominations will receive due consideration.

*Bob Rickey, NF6P, Chairman
Publicity & Awards Committee*

Expression of Gratitude

QCWA President Emeritus Leland Smith, W5KL, writes:

"My heartfelt thanks to the many QCWA friends who before and after my recent surgery included me in their thoughts and prayers, who telephoned Helen and me, and who sent get-well expressions.

"Recovery from this last series of heart by-passes has been slow and painful, but I do expect to be fully active again soon. I cannot adequately thank you for your thoughtful expressions and support."

*HCR 31 Box 147
Jasper AR 72641*

Can You Help?

Headquarters Seeks Complete Archive of QCWA Publications

The files at QCWA Headquarters contain a small collection of old *QCWA Journals*, but we would like to maintain as complete an archive as possible.

For your use, a copy of the current inventory is printed to the right. In the third column—*Issues Held*—when there were four issues each year, “1, 2, 3, 4” represents a copy on hand for each quarter.

In other years, you might see Issues 1 and 3 listed . . . we’re missing No. 2, but there may or may not have been a No. 4. That’s why we need your help.

Names have changed

Note that the name was *QCWA News Letter* back in 1960. Since the date of 1960 is indicated as being the 9th volume, there have to be eight preceding volumes—and we have *none* of those issues.

In September, 1968 the name was changed to *The QCWA News Letter* and then the following spring changed to *The QCWA News*. This lasted until 1978, when the name became *QCWA News*.

Then, in December of 1987, the name was changed to *The QCWA Journal*, and in February 1989 it was changed to *QCWA Journal*. It remains with that title at the present time.

Check your old files and please share with us so that we can construct a complete set of *QCWA Journals* for Headquarters and then maintain that collection for the future.

You may mail your issues to QCWA Headquarters, 159 E 16th Avenue, Eugene OR 97401-4017. Give us a call at (503) 683-0987, or fax to (503) 683-4181.

Thank you and 73,
Jim Walsh, W7LVN
General Manager

Inventory of Publications at QCWA Headquarters

Year	Volume	Issues Held	Name	
1960	09	1, 2	<i>QCWA News Letter</i>	
1961	10			
1962	11	1	<i>QCWA News Letter</i>	
1963	12			
1964	13	1	<i>QCWA News Letter</i>	
1965	14	1, 2, 3	<i>QCWA News Letter</i>	
1966	15	1, 2, 3, 4	<i>QCWA News Letter</i>	
1967	16	1, 3	<i>QCWA News Letter</i>	
1968	17	1, 2, 3	<i>The QCWA News Letter</i>	9/68
1969	18	1, 2, 3, 4	<i>The QCWA News</i>	3/69
1970	19	2, 3, 4	<i>The QCWA News</i>	
1971	20	2, 4	<i>The QCWA News</i>	
1972	21	1, 2, 3, 4	<i>The QCWA News</i>	
1973	22	2, 3, 4	<i>The QCWA News</i>	
1974	23	1, 3	<i>The QCWA News</i>	
1975	24	3	<i>The QCWA News</i>	
1976	25	1, 2, 3, 4	<i>The QCWA News</i>	
1977	26	2, 3	<i>The QCWA News</i>	
1978	27	1, 2, 3, 4	<i>QCWA News</i>	
1979	28			
1980	29	2, 3, 4	<i>QCWA News</i>	
1981	30	2, 3, 4	<i>QCWA News</i>	
1982	31	1, 2, 3, 4	<i>QCWA News</i>	
1983	32	1, 2, 3, 4	<i>QCWA News</i>	
1984	33	1, 2, 4	<i>QCWA News</i>	
1985	34	1, 2, 3, 4	<i>QCWA News</i>	
1986	35	1, 2, 3, 4	<i>QCWA News</i>	
1987	36	1, 2, 3, 4	<i>The QCWA Journal</i>	12/87
1988	37	1, 2, 3	<i>The QCWA Journal</i>	
1989	38	1, 2, 3, 4	<i>QCWA Journal</i>	2/89
1990	39	2, 3, 4	<i>QCWA Journal</i>	
1991	40	1, 2, 3	<i>QCWA Journal</i>	

Director El Charlton, W5MD Resigns

As the Journal went to press, we received the following letter from QCWA Director El Charlton, W5MD. . .

“Due to recent circumstances I have had to re-evaluate my priorities and reluctantly resign as a member of the Board of Directors for QCWA. This was decided after the past election and was in no way an ‘ego’ thing. I fully intended to carry out my duties as a Director for the full two-year term, but now find it impossible to do so.

“I would like to sincerely thank all the members of QCWA for their support these past years. It has been a sincere pleasure to work with the entire membership and I wish the very best to each and all.”

El Charlton, W5MD
1533 Outrigger Dr
Baton Rouge LA 70816

Spark Transmitter Donated for QCWA Western Heritage Museum Exhibit

Leo Meyerson, W0GFQ recently landed a superb piece of spark gear to become part of QCWA's exhibit at the Western Heritage Museum in Omaha, Nebraska . . .

"It took me two years to get this rare rotary spark transmitter. Look at the two coils in Photo 1 (right). By varying the one smaller coil—which slides into the larger one—you vary the output.

"In the second photo (Photo 2), my finger points to the small wooden dowel on the coil which allows you to push it into the larger coil.

"The noise generated from those sparks could be heard blocks away . . . and the high voltage could literally *blow you away!* Voltages of 20,000 to 40,000 volts raw AC were used, and the corona effect in many cases lit up the neighborhood.

"Below, Photo 3 shows the eight pyramid points on the steel cup, activated by a 1600 RPM electric motor (most fellows used 1750 RPM motors). The speed of the motor, with these pointers brushing past two spark contacts, regulated the tone of the output."

Leo Meyerson, W0GFQ

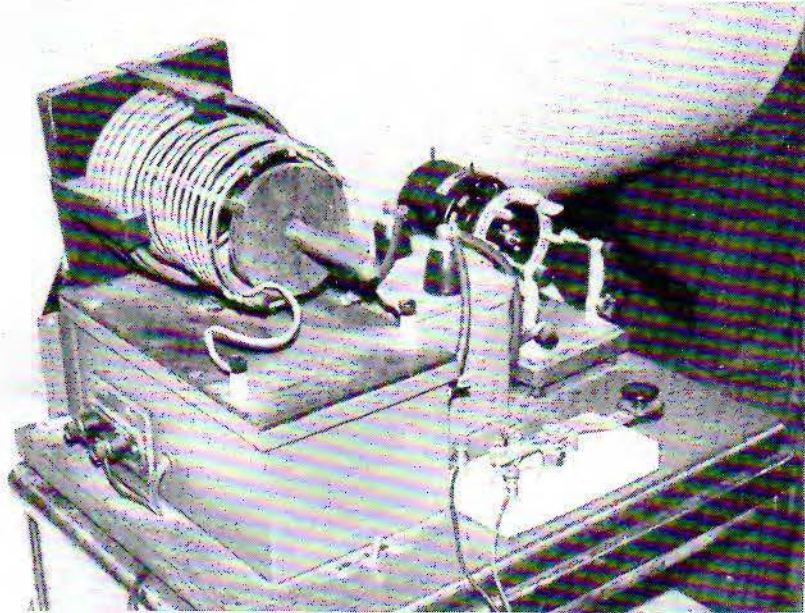


Photo 1: One coil slides into a second to vary the output.

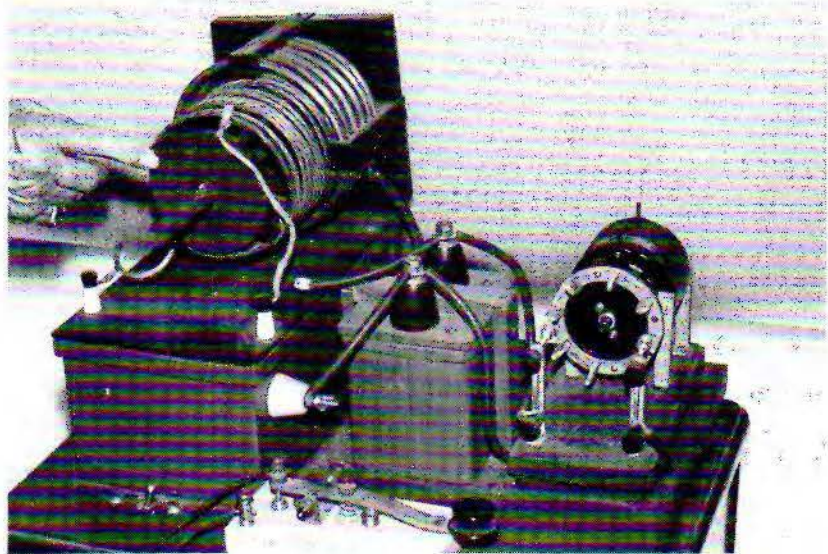


Photo 2: Push the smaller coil into the larger one using this wooden dowel.



Photo 3: Eight motor-activated pointers.

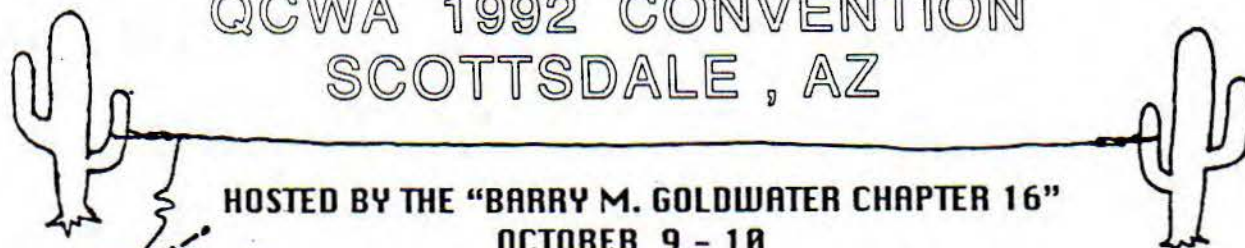
How to Make Your Donation to the QCWA Museum Exhibit

All donations to the QCWA exhibit at Western Heritage Museum will be coordinated by QCWA Headquarters. **There cannot be any exceptions!**

Please send a photo and complete description of items you have for donation to Headquarters. You'll be advised how to proceed. *Thank you!*

In the News

QCWA 1992 CONVENTION SCOTTSDALE, AZ



HOSTED BY THE "BARRY M. GOLDWATER CHAPTER 16"

OCTOBER 9 - 10

Safari Resort - 4611 N. Scottsdale Road
Scottsdale, AZ 85251



CHAMPLIN
FIGHTER
MUSEUM



HOME OF THE
AMERICAN FIGHTER
ACES ASSOCIATION

- 75 rooms reserved, cut-off date is September 8, 1992. Be sure to mention QCWA for special rates { \$ 60.00 (1-2), \$80.00 suite}. Phone 1 - 800 - 824 - 4356
- Special air fares via Delta Air Lines. Window is from Oct. 4 - 13. Reference No. is K 32088. Phone 1-800-221- 1212.
- Nearby RV facilities - Scottsdale Trailer Corral, 602-947-8532; Wheel Inn Ranch; 602-945-7491
- Airport to Safari by "Super Shuttle" mini-bus. More info after your registration is received.

=====CUT HERE =====

NAME _____ CALL _____
SPOUSE _____ CALL _____
ADDRESS _____

STREET

CITY

STATE

ZIP

AMOUNT

REGISTRATION - (Includes XYL and Door Prizes).....	\$10.00	_____
Saturday Breakfast, Buffet (w/ tables set up in private room).....	11.50 ea.	_____
Saturday Banquet, Broiled Rib Eye Steak	22.00 ea.	_____
Saturday Banquet, Boneless Chicken Breast.....	17.00 ea.	_____
Friday Afternoon Tour - Carefree AZ.....	10.00 ea.	_____
Saturday Morning + Noon Tour - Champlin Fighter Plane Museum	25.00 ea.	_____
Includes lunch - [] Spaghetti w/ meat balls or [] Lasagna. (They display 15 REAL WW I, 9 WW II, and 4 Jet Fighter Aircraft, plus ordnance and memorabilia).		

TOTAL ENCLOSED \$ _____

All checks payable to : QCWA AZ CHAPTER .

Mail to Treasurer: CLIFF BRUCE W7ER, 8720 E. JACKRABBIT ROAD, SCOTTSDALE, AZ 85250

For more information: GERALD HIGGINS W9INP, 8602 DOGLEG DR. BOX 5345, CAREFREE, AZ 85377

(602) 488 - 2650

In the News

QCWA 1992 CONVENTION

SCOTTSDALE, ARIZONA

HOSTED BY THE "BARRY M. GOLDWATER CHAPTER 16"
OCTOBER 9-10

Safari Resort, 4611 N. Scottsdale Road
Scottsdale, Arizona 85251

FRIDAY: OCTOBER 9

8:00 AM		REGISTRATION OPENS
10:30 - 11:30	Room A-1	QCWA FORUM, HARRY DANNALS W2HD
12:45 PM		BUS LEAVES FOR CAREFREE TOUR OR LOCAL SHOPPING AT NEARBY FASHION SQUARE MALL AND CAMELVIEW PLAZA
2:00	Room A-1	LEW McCOY- W1ICP, ANTENNA FORUM
3:00	Room A-1	JOHN ELWOOD -WW7P, VIBROFLEX KEY COLLECTION
5:00		BUS RETURNS FROM CAREFREE DINNER (ON YOUR OWN)
8:00	Room A-side	SING-A-LONG AND SILENT MOVIE WITH LEO MEYERSON AT THE ORGAN (POPCORN AND ATMOSPHERE SUPPLIED FREE) CASH BAR

SATURDAY: OCTOBER 10

7:30 AM	Room A-side	BREAKFAST BUFFET, DOOR PRIZE BARRY GOLDWATER W7UGA, SPEAKER
8:45 AM		BUS LEAVES FOR CHAMPLIN AIR MUSEUM AT FALCON FIELD, MESA OR LOCAL SHOPPING AT NEARBY MALLS
12:30 PM		LUNCH AT ANZIO LANDING RESTAURANT ON THE FALCON FIELD FLIGHT LINE
3:00		BUS RETURNS FROM FALCON FIELD
3:00	Room A-1	FRIED HEYN-WA6WZO, ARRL FORUM/ ROD STAFFORD KB6ZV
4:00	Ivory Room	QCWW MEETING, ANNA L. AMBOLT K9RXK
6:00	Room A-side	ATTITUDE ADJUSTMENT (CASH BAR)
7:00	Room A-side	QCWA BANQUET, QCWA MUSEUM SLIDES BY LEO MEYERSON, DICK BALDWIN- W1RU, SPEAKER, AWARDS, DOOR PRIZES

Fall Updates . . . First, AO-21

This Summer, the joint German and Russian Command team for AMSAT OSCAR 21 (AO-21) has finally "broken the code" on the problems that have plagued AO-21 since its launch a little over a year ago. The Russian linear transponder has seen sporadic service since launch, but only very limited activity with the German RUDAK Transponder had been possible.

Since the breakthrough, RUDAK has been performing a very interesting and unprecedented service. It has been emulating an FM repeater! This may sound silly and out of character for an Amateur Radio Satellite, but it is fun and has been a real asset in introducing Amateur Radio Satellites to the average Amateur Radio Operator.

The downlink is on 145.987 MHz and the uplink is on 435.016 MHz. In this mode, AO-21 performs very much like any FM repeater with strong, full-quieting signals; however, its coverage—or footprint—is the entire North American continent at once (when over the middle of the USA).

Actually, RUDAK is doing much more than the task of an FM repeater. In this mode, it A/D's the speech, processes the speech digitally, and then D/A's the result before transmitting it on the downlink. What you hear cannot be distinguished from normal analog speech.

Why, you may ask, go to all of this trouble for an FM repeater?

The answer is that with the Digital Signal Processing (DSP) techniques incorporated into RUDAK, many things are possible in addition to the FM repeater and implementation is "only software."

One example of another potential feature is true "Voice Mail," according to Peter, DB2OS. As time goes on, many other experiments will be made available via RUDAK. In

addition to the capabilities described above, RUDAK is capable of many digital modes of operation ranging in speed from approximately 400 to 9600 bps. It even includes some experimental modulation techniques aimed at enhancing digital communications.

By the time you read this, the FM repeater will probably be gone at least for the time being; however, watch 145.987 MHz for other interesting possibilities. You won't need a sophisticated ground station to hear this strong downlink, an HT and a "rubberduck" will do.

AMSAT-UK Space Colloquium

I again had the pleasure of attending the AMSAT-UK Space Colloquium at the University of Surrey in Guildford, England, for its seventh running, from 30 July through 2 August 1992. Ron Broadbent, G3AAJ organizes this truly international event every year and must be commended for another outstanding job.

Approximately 160–170 Amateurs from 20 different countries attended this year. This was my second trip to this meeting and I was still very impressed by the international character of the meeting—not to mention the content of the papers presented.

Thursday was International Day (Politics Day). On this day, issues such as frequency allocation, definition of an Amateur Radio Satellite, IARU coordination, and, "last but not least," satellite gateways were discussed. The gateway issue has been the topic of much controversy this year, particularly since the advent of 9600 bps communications on UO-22.

This "bird" has grown in popularity and as a consequence is heavily used by operators worldwide for a variety of purposes, one of which is forwarding of international traffic posted to terrestrial BBSs (gateways) to other gateways worldwide. After

much discussion, it was determined that gateway traffic is a legitimate use of the resource and that a balance of utilization by different users will follow with increased knowledge of operating techniques, evolution of control software, and addition of more 9600 bps resources (KITSAT). Any attempts to impose restrictions or priorities must be resisted at this time.

This discussion set the stage for other informal "gateway meetings" that were held after hours (after pub closing) throughout the conference. Many other topics were discussed in a friendly fashion during these follow-on meetings.

The meat of the Colloquium—paper presentations—took place on Friday, Saturday, and Sunday. Progress reports on all of the currently known Amateur Radio Satellite projects were presented.

These projects include Phase 3D, ARSENE, TECHSAT, ITAMSAT, SEDSAT, KITSAT, and another RS "bird" with a Mode A transponder. Of course, Phase 3D stole the show with an excellent progress report by Dr. Karl Meinzer, DJ4ZC.

Phase 3D is alive and well, but it still has a long way to go, both financially and technically, and not a lot of time to do it. All of the other projects mentioned above should fly within the next one to two years.

KITSAT was launched this evening, 10 August 1992, as this paper was being written. It should be on line and under Korean control by the time you read this. Many other papers on satellite related topics were presented for the edification of those present.

Saturday evening, we were fed and entertained at the Chancellor's Restaurant and Bar. Food was excellent and music was provided by the London Jazz Kings. Following a short intermission, Ron Broadbent was the auctioneer for the annual "Fun Junk Sale" benefiting the AMSAT-UK Phase 3D FUND. A large variety of items were placed on the "auction block" and bidding was

wild and entertaining. I have no idea how much was raised at the auction, but the three Soviet Space Posters I brought over went for between 15 and 20 pounds.

Sunday evening, we parted company after another successful Colloquium and went our merry ways. Everyone is looking forward to another meeting next year.

RS-12/13

Who said it takes a lot of equipment to work satellites?

Since last Christmas, I have been the proud owner of an IC-735 HF rig that I use for mobile and some fixed station activity. With it, I have discovered the pleasures of operating Mode K through RS-12 from home and mobile.

In the mobile, I use a Hustler antenna with two resonators on the mast at the same time for 10 and 15 meters. I operate the IC-735 with the "A" VFO on 10 meters and the "B" VFO on 15 meters and select "Split" operation. At the house, I use the same technique and my triband beam.

Pat Gowan, G3IOR, presented a paper at Surrey on use of this satellite for "beyond the horizon" satellite experiments. His accomplishments are fascinating.

Summary

We still have fourteen active Amateur Radio Satellites in orbit for your use and enjoyment with more to come. Join in the fun and support the project(s) of your choice. The Phase 3D project needs the most help at the moment.

Come to the AMSAT-NA Annual Meeting and Space Symposium on 9-11 October 1992 in Washington, D. C., at Intelsat Headquarters to hear further details on these projects. Stay tuned to this column for future reports as well.

73 . . . Keith D. Pugh, W5IU
AMSAT VP of Operations

PRODUCT REVIEW

The Solder Kit

Every once in a while, a product comes along that I feel might be of interest to our members. The Solder Kit is just such an item.

Over the years I have written several articles on soldering and have seen numerous methods being marketed that will solder dissimilar metals—none of which were really successful from my observations. However, at Dayton this year, Fred Doob, AA8FQ (QCWA member) was marketing a soldering kit that was truly amazing—in fact, the hams were actually lined up to see and buy his product.

I approached Fred with the possibility of doing a product review for us and he gave me a complete demonstration. I really feel that this is something a lot of us would be interested in hearing about.

Fred has been an automotive rep, selling products for the automobile industry. One company had a very experienced metallurgist come up with a soldering flux and material that would have better holding than normal solder, and would work at lower temperatures.

Fred saw the possibilities for radio amateurs so he put together a kit containing the necessary fluxes, plus he designed a very small butane torch that can be used with a soldering tip or simply as a torch. The torch is refillable with from one of the commonly available small butane refill containers sold in stores.

What The Solder Kit does

One simply puts slight coating of the solder paste on the materials to be soldered. The torch flame is then applied so that the flux melts and then the flame tip is applied to flow

the solder along the desired area. There are four different tubes of flux provided: silver flux, copper flux, aluminum flux, and—last, pot metal flux (that's right . . . *pot metal* flux).

Some technical points:

■ The aluminum solder flux will solder aluminum to other metals such as copper. It has a low melting point of 395 degrees and the joint has a tensile strength of 28,000 PSI! In fact, small soldering jobs can be done with a match or lighter because of the low-temperature flux points.

■ One problem with many antennas is that the manufacturers use self-tapping screws to hold elements together. These screws tend to get loose, creating noise problems. Not so with the solder kit—simply solder the screw in place. It's easy and quick, and will hold as long as the element lasts.

One of my hobbies is making Indian turquoise jewelry, and silver soldering is a touchy proposition. Not so with this setup.

One can solder at a point to hold a piece in place, then form the metal and move along, soldering as you go. Coax fittings become very easy and simple to solder.

Frankly, as you can tell, I was extremely impressed with the kit. I don't expect it would eliminate normal circuit board work . . . but for tough soldering chores, it is the answer. The kit comes complete with the fluxes mentioned above, plus the torch. Price of the kit is \$59.00.

For more information write to Solder-It Co., Fred Doob, AA8FQ, P.O. Box 20100, Cleveland, OH 44120. Phone (216) 721-3700.

Reviewed by
Lew McCoy, W1ICP

A Look Back at the Halcyon Days of Early Radio

"The month of December 1991 marks the 90th anniversary of Guglielmo Marconi's first spanning of the Atlantic ocean between Cornwall and St. John's Newfoundland by wireless telegraphy. An opportune time, perhaps, to reflect upon some of the unusual twists and turns in the history of early radio which influenced the application of the revolutionary insights of Clerk Maxwell and the subsequent discoveries of Heinrich Hertz." Thus begins Part One of a two-part retrospective written by John J. Dietz, W2BFU, QCWA # 06294 . . .

A brief look at the state of the radio art in 1901 will prove helpful. In that year, the U.S. Secretary of the Navy recommended that consideration be given to replacing the homing pigeons, then in use for fleet communications, with a system of wireless telegraphy. All of the major naval powers, with the exception of the United States, had made a start at using wireless, at least experimentally, and the British had claimed communication between ships over distances up to 160 nautical miles.

Apparently the Secretary's recommendations received favorable consideration, for by mid-1902 the Navy had acquired two sets of equipment from a number of American and European sources. It is noteworthy that the company which had been founded by Marconi did not participate in bidding on this equipment since they would not agree to sell—but only to lease—their apparatus for test purposes. Later that year the U.S. Navy began a series of tests between stations set up at the Washington Navy Yard and the Naval Academy at Annapolis, a distance of about 30 miles.

Additional shore testing followed through the winter of 1902, and by April of 1903 the German von Arco equipment, which had proved to be superior during the early tests, was able to maintain reliable communication with the cruiser USS *Topeka* over a distance of some 52 nautical miles. (Telefunken subsequently acquired the von Arco name, which some old timers may remember). Later that year, after further testing, forty-five additional sets of the von Arco equipment were acquired and the cruiser USS *Baltimore* was one of several ships fitted with this equipment.

It is to the Navy's credit that, though getting off to a late start, its efforts were soon to put this country in the lead in radio development. By 1911, the renowned Naval station NAA, located on the outskirts of Washington, DC—the construction of which had started three years earlier, was running 100 kW of both spark and arc power, and was at the time believed to be the highest

powered station in North America and possibly in the world. It was NAA with its landmark triple towers, one 900 and the other two 650 feet tall, known as "Three Sisters of Arlington", that was listened to for code practice by many pioneering amateurs of the day.

A brief look at the earlier work which led to the involvement of Marconi is of interest. It was of course Maxwell, the English physicist and mathematician who was the first to provide a sound theoretical understanding of electromagnetic radiation in his treatise of 1883.

It was Hertz, the experimental physicist in Germany, however, who almost certainly generated the first controlled, man made radio waves during his experiments in 1888, and it was Hertz who was to show that energy could be transferred through free space, thereby confirming the work of Maxwell.

Interestingly, the signals which Hertz generated and employed in his experiments had wavelengths on the order of two meters. While engaged in these efforts Hertz developed the concept of allowing the voltage across a capacitor to build to a value high enough to break down a spark gap. The resulting oscillations produced were, of course, inherently discontinuous—or damped, starting at a high amplitude and gradually diminishing as the capacitor discharged. The short wavelengths emitted were no doubt determined by the dimensions of the antenna, in the form of a dipole, connected across the spark gap.

Hertz's first receiver

Hertz's receiver was nothing more than a loop of wire with a micrometer gap, the sparks across which could be detected visually. He was able to conclude, from the results of the remarkable series of experiments conducted, that the radiation produced obeyed the same optical laws that applied to light, and were thus electromagnetic.

Once Hertz published his results, a number of other experimenters developed more sensitive detectors, some based on a phenomenon that had been observed many years earlier. These efforts led to the coherer which was used by Oliver Lodge in England during several demonstrations presented in 1894.

Still other experimenters, including Alexander Popov in Russia picked up on this work, and before the end of the last century, crude signalling equipment had been developed. Popov's efforts departed from earlier experiments, in his use of large vertical antennas, and he seemed to have been aware that this equipment "would have a potential for signal transmission if a source of such oscillations, having sufficient, were discovered."

It seems clear, however, that most of the early work on Hertzian waves was done by scientists who had but little interest in applying their efforts to commercial applications. What was needed was a technically-minded entrepreneur who could exploit these basic discoveries.

That man was Marconi. Though not highly trained as

“The Way We Were”

a scientist, he had a great interest in physics and chemistry and according to John A. Fleming, a later collaborator, he was a true utilitarian. Marconi had heard of the work of Hertz and Lodge in 1884, at the age of twenty. He subsequently concerned himself constantly with wireless experimentation.

Marconi spans the Atlantic

Marconi improved the coherer and the earlier methods of applying it, and by 1896 he was transmitting Morse code messages over distances of two miles. Moving to England during the following year he soon demonstrated that signals could be sent over increasingly greater distances.

By 1897 he had formed the British Marconi Company, the first such entity in the wireless field.

His efforts to increase the range or distance over which signals could be sent culminated on December 12, 1901, when, after a series of earlier heartbreaking accidents, and using kite-supported antennas, he was able to hear the faint letter “S” transmitted over the 1700 miles between Poldhu in Cornwall, England and St. John’s Newfoundland.

It should be noted here that there are doubters to this day—especially in the light of present knowledge of radio wave propagation—who question whether those three dots, though repeated continuously could have been distinguished from the ever-present static. After all, reception was reported during the daylight hours between 11:30 A.M. and 2:30 P.M. Newfoundland time, and on a very long wavelength.

While there is little doubt that the signals were received, some believe it to be much more likely that they were in fact harmonics at 100 meters or less generated by the broad banded spark equipment, and detected on the crude and virtually untuned receiving apparatus used, aided by reflections from the ionosphere.

Saving lives at sea

In any case, the outcome of the test proved to be a significant milestone, and interest in wireless was soon to be further stimulated when radio messages from the SS *Republic* were responsible for the prompt rescue action which saved many lives when that ship went down in the north Atlantic in 1909. The *Titanic* disaster in 1912 served to remove any further doubt regarding the importance of wireless at sea.

It is to Marconi’s credit that he was quick to realize that the already existing undersea telegraph cables together with the much higher power requirements and costly antenna systems needed for bridging the ocean would severely handicap transatlantic wireless telegraphy. He therefore wisely concentrated on the field of ship-to-shore and ship-to-ship communications, areas in which there were no practical alternatives.

The ionosphere already mentioned may deserve a more careful look. As now understood, there are essentially three primary regions of the earth’s atmosphere.

The ionosphere, at the highest altitude, lies above the troposphere and the stratosphere and merges with the latter some fifty miles above the earth’s surface. It

extends upward to at least 400 miles and contains the D, E, F1 and F2 layers with which radio amateurs are familiar since they greatly influence communications in the high frequency bands.

The electrically charged—or ionized—gases within the region become more and more rarefied as altitude increases. As a result, the charges comprising them have longer and longer distances to travel, and thus longer lifetimes before they are again neutralized by the recombination of free electrons and positively charged core atoms.

This explains the relatively long persistence of the “F” layers compared to that of the denser and lower-lying “D” layer which is principally responsible for the absorption of radio waves at the medium and lower high frequency regions of the spectrum, and which disappear soon after sundown each day.

The electrified gases in the uppermost regions of the earth’s atmosphere are generated by photons, in the ultraviolet range of the sun’s radiation, which have sufficient energy to remove electrons from—and thus “ionize”—the rarefied gases present there. These freed electrons have a natural resonance frequency of vibration known as the plasma frequency. The more electrons present in a given volume, the higher is the plasma frequency.

Reflection or refraction occurs when the electron density attains a level where the plasma frequency is equal to or is greater than the frequency of the arriving radio wave. It is for this reason that lower frequencies are more easily reflected by these upper ionized regions.

Interestingly, it was the unexpected success of Marconi’s transatlantic test in 1901 that prompted the first theories about the existence of the ionosphere. For

**Experts agreed
that radio waves
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contour of the earth
over long distances.**

"The Way We Were"

some years following the test, little was known about radio wave propagation. The ensuing and independent efforts of Arthur Kennelly in the U.S.A. and of Oliver Heavyside in England, however, soon laid the groundwork for an understanding of the effect of that region on the way in which radio waves travel.

"Experts" agree: no DX!

If there was one thing on which the "experts" could agree in those early years, it was that radio waves traveled in a straight line and were therefore incapable of following the contour of the earth over long distances. Such agreement had come about largely from a belief in the validity of the so called "Austin-Cohen" Equation, which was based on long-term studies of radio propagation at longer wavelengths.

These long-term studies were being conducted for the Navy, by the National Bureau of Standards, (known today as the National Institute of Standards and Technology) and the Austin-Cohen Equation had been found to be quite reliable in predicting daytime field intensity at a distance, at the frequencies below a few hundred kilohertz, where most radio communication took place prior to 1920.

The Austin-Cohen Equation took into consideration such factors as the wavelengths employed, antenna current, antenna height at the transmitting and receiving sites, and absorption factors that were arrived at empirically over many years of measurement. Calculations using this equation clearly established the superiority of the longer wavelengths for long distance work. Of primary importance however, were the absorption constants employed, which increased exponentially with distance. What the equation did not take into account, of course, was the existence of sky waves and their reflection from the ionosphere which makes long distance short wave communication possible.

Fortunately the pioneer amateurs of the day did not believe the "experts" when they built and then operated the 1BCG at Greenwich, Connecticut in December of 1921, and got the first short wave message across the Atlantic to Paul Godley, who had been sent to Andressen, Scotland with his "state of the art" receiving equipment. This memorable event was accomplished with CW equipment costing less than one thousand dollars and operating at a power level below one kilowatt.

Though almost forgotten today, the successful outcome of this test certainly caught the attention of the commercial interests who were spending millions at the time on long-wave high-power equipment and on towers of immense height to accomplish the same end. No wonder that David Sarnoff, then General Manager of RCA, William Deegan of the Postal Telegraph Company and others travelled to Greenwich "to see what the boys were doing."

Another example of where the experts were wrong, and which is of particular interest to those of us using frequency modulation, comes to mind. In a now famous paper published in the February, 1922 *Proceedings of the Institute of Radio Engineers*, John Carson of the Western Electric Research Group, which would shortly become the Bell Telephone Laboratories, proved mathematically that frequency modulation would be "inferior to the amplitude variation system both as to the width of the frequency band occupied and the distortion of the signal wave form." It is hard to believe that Major Edwin Armstrong, who pioneered frequency modulation, and who was most active in the I.R.E. at the time, would have been unaware of Carson's paper. Fortunately, Armstrong, who had been one of the participants in the 1BCG tests, wasn't a believer either. To Carson's credit, it must be said however, that he appeared to have been the first to show, again by mathematical analysis, that only one side band and neither the other nor the carrier was needed to convey information in an AM signal, thus setting the stage for single side band telephony . . .

John J. Dietz, W2BFU

12 Northgate Park, Ringwood NJ 07456

QCWA Honors

QCWA		Roll of Honor	
		1981	John DiBlasi, W2FX
			Gus Gironda, W2JE
		1985	Bud Waite, W2ZK
		1986	Earl Thomas, W2MM
			Ralph Barber W2ZM
	QCWA Hall of Fame	1987	Ethel Smith, K4LMB
1980	Ray Meyers, W6MLZ	1989	Leland Smith, W5KL
1981	Bill Halligan, W9AC		
1982	Barry Goldwater, K7UGA		John DiBlasi Award
1983	Jean-B. Wolff, LX1JW	1984	Hal Sears, W5NC
1984	Don Wallace, W6AM	1986	Owen Garriott, W5LFL
1986	George Sterling, W1AE	1988	Clarence Seid, W2KW
1987	Victor Clark, W4KFC	1989	Frank Lester, W4AMJ
1991	Richard Baldwin, W1RU		Ralph Hasslinger, W2CVF
			Irving Groves, K4HT
	Distinguished Service		Nat Burnett, K4OL
1975	A. L. Walsh, W2BW		Moe Joffe, W6PHE
1979	Mark Devaney, K4IDC		Robert Baird, W9NN
1988	David Talley, W2PF		
1989	Hugh Turnbull, W3ABC		Presidential Award
	Fred Hammond, VE3HC	1988	John D. Kraus, W8JK
1990	Herb Gleed, W6FQ		Byron H. Goodman, W1DX
1991	Esther Given, W6BDE		H. H. Beverage, 2BML
		1989	John Huntoon, W1RW
	Member of the Year		Stewart S. Perry, W1BB
1979	Ed Trombley, W8CAM		M. Walter Maxwell, W2DU
	M. W. McRae, W9RC	1990	Bruce L. Kelley, W2ICE
1981	Lew Sieck, K4NE	1991	Armin Meyer, W3ACE
1982	Herb Gleed, W6FQ		Dave Bell, W6AQ
1984	Bert Gunn, W5FU		Noel Eaton, VE3CJ
1991	Leo Meyerson, W0GFQ	1991	Ed Tilton, W1HDQ

The Wireless Exchange

The Wireless Exchange is now hosted by:

J. Douglas Hensley, W1SJ
5054 Holloway Avenue
Baton Rouge LA 70808

Please send your items directly to Doug.

Guidelines for Exchange use are:

- (1) List your antique or vintage needs and wants clearly and simply.
- (2) List what you will accept in trade.
- (3) List your asking price if no trade is possible.

(4) If you advertise, hold the merchandise long enough for members to receive their *Journal* and read the Exchange column.

(5) Answer all inquiries.

There is no cost to QCWA members.

Fifty Year Accumulation! Send large SASE for list. Dick Haynes, K9RGH, 12511 South 83rd Avenue, Palos Park, IL 60464

For Sale or Trade: Making room for new baby! Selling scanner, IBM XT Clone & Printer, Software & more. Will consider sale or trade for working 2 meter rig. SASE for list. Dean Hale, KF7CR, 931 Taylor, Eugene, OR 97402

Wanted: Your help appreciated to find a few items to add to my station: Heath SB-620 Amateur Radio Spectrum Monitor, Heath SB-610 Signal Monitor Scope, Swan Model 508 Frequency Control Unit. Wm. E. Ewing, WA0KAQ, P.O. Box 718, Lucerne Valley, CA 92356. (619) 248-7878 (w), (619) 248-2380 (h)

Wanted: Johnson T-R Switch model 250-39. Bob Moseson, W4CFF, 4400 Bridgewater Circle, Phenix City, AL 36867, (205) 297-5416

For Sale: Brand new sounders and all kinds of telegraph equipment, including bugs, W.U. signs, crowfoot batteries, two station systems, etc. Send \$1 for telegraph catalog. Include your telephone number. W.C. Hess, W6CK, P.O. Box 19, Pasadena, CA 91102

Used copies of QST, CQ, 73, and Ham Radio are often available for a modest fee plus shipping and handling. The service of The Lockheed Employees Radio Club is to support serious individual collectors, clubs, and libraries, with needed issues to fill out their technical libraries. They are not for resale. For more details please QSO W6LS with an SASE. LERC Amateur Radio Club, 2614 Empire Avenue, Burbank, CA 91504-3297

Wanted: Left-Hand Operated Vibroplex bug. Will purchase or trade for. Ben Meyer, WA2DHC, 70 Valley Road, Glen Rock, NJ 07452

Wanted to Buy: Steiner telegraph key by W.E. Co., ca. 1881. Will pay top price. Also want Japanese Hi-Mound/Swallow pump (hand) keys. David I. Combs, W5VJW, 2000 Victory Avenue, Wichita Falls, TX 76310, (817) 767-0077

Wanted: Hallicrafters SX-28 Receiver in any condition. Reply: Joel Ekstrom, W1UGX, Box 59, McLean, Virginia 22101, (703) 821-2287 (H), (703) 893-5067 (W)

Wanted: Preparing for Silent Key Night 1993 and beyond. Sell me your Heathkit DX/HX/HR series TX's and RX's (working or not)

and novice crystals. Also want TEN-TEC 208A and Autec QF-1A Audio filters, Johnson Adventurers & matchboxes, old novice HF crystals, *ARRL Handbooks* 1955 to 1975, J-38 Keys. Also need IF coils for Heathkit SB-610, and SB-620 monitor scopes. Please QSO: Douglas C. Fairbrother, K1FKW, RD 3 Box 118A, Bluff Road, Newport, VT 05855-9316

Wanted: ARC-5 / SCR-274N Transmitters, receivers, accessories; also want to find ham transmitters built in the 1920's and 1930's. F. Parker Heinemann, W1YG, 745 16th Avenue South, Naples, Florida 33940

Wanted: Knight, Philmore, Lafayette, Meissner, etc. BC-SW radios in kit form or built from kits. Also OTB Vols. 1 thru 13. Bill Ross, KY9M, 875 Gordon Terrace, Winnetka, Illinois 60093, (708) 441-6462

Wanted: A reasonably priced full power transmatch for 160-10 meters. Must have roller inductor. I'll provide a good home for your Maxi-Tuner, B&W VS1500A, or Murch UT2000B. Call collect: 517-835-1307, or write. Don Christensen, W8WOJ, 1179 Grey Road, Midland, MI 48640-9501

For Sale: Icom 271A, 25W, all mode 2 meter transceiver with manual & mike, \$375; Triplite 20 amp regulated power supply, \$80; KPS-7 power supply, Kenwood/Astron, with manual, \$40; Grip dip meter, Millen No. 90651, 1.7 MHz to 300 MHz, all coils & manual, \$75; all items in great condition. Please contact: Bennett G. Davenport, 7810 Folly Court, Columbia, SC 20209-3014

Wanted: Manual for Heathkit Mohican Receiver, Model GC-1A. Nels Gradeen, VE3GKL, R.R. #2, Cargill, Ontario, Canada N0G 1J0

Wanted: Complete, unrestored W.W. II BC-474-A radio receiver and transmitter, or any individual components. Also need a cabinet for a Federal model 59 battery radio. Please state price in first letter, on both items. Pat Stewart, W7GVC, 1404 Ruth Avenue, Walla Walla, WA 99362-3558, (509) 525-1699

Wanted: Manual for Allied SX-190 Receiver. Steven J. Antosy, K6HPA, 2714 Monterey Road, San Marino, CA 91108

Wanted: Any info on a Jackson Electric Instrument Co. Model No. 648, s/n M7919, tube tester. Users manual, schematic, tube "rolls," or any information on what has be-

come of this company, or if they have a follow-on company. Don Jenkins, WA6OGH, 5045 Donna Avenue, Tarzana, CA 91356, (818) 342-3917

Wanted: Any one of the products of my pioneer VHF manufacturing facility, Radio Transceiver Laboratories, made from 1934 to 1941 and 1946 through 1950. Only one remote field broadcast unit, Model PTR, serial no. 18 made in 1938, has been seen. It bore the call letters KUTA, and was part of an exhibit at the opening of the Marconi Conference Center State Historic Park in September 1990 at Marshall, CA. None of the thousands of transmitters or transmitters/receivers has turned up. Any clues? Frank Jacobs, W2BSL, 7511 Fairway Two Ave, Apt R, Fair Oaks, CA 95628-4634, (916) 961-3954

Wanted: First through Fifth Annual Official *Wireless Blue Books* of the Wireless Association of America, 1911-1915, published by the Modern Publishing Company of New York City. Bob Arrowsmith, P.O. Box 166, Annandale, VA 22003, (703) 560-7161

Wanted: Teletype Corp. Model 26 KSR Teleprinter. Paul Kasley, WA9VYB, 5152 Madison Street, Hillside, IL 60162, (708) 449-0145

Needed: Schematic and operating manual for Budleman Deviation frequency meter, Type 17A4 - Serial No. 3019, manufactured by Budleman Electronics Corp., Stanford, Conn. (no longer in business). Ralph E. Laughlin, WA8RYQ, Box 476, Gnadenhutten, OH 44629

Wanted: Hallicrafters SX-88, SX-115, Collins 75A-75A4, Johnson 500, Radiola III, Crystal Sets, Grebe Radios, National NC-400, HRO-500, HRO-600. Steve Barnes, K6PFW, 848 North Silverwood, Upland, CA 91786, (714) 985-1062

Needed: Manuals, schematics, left over parts, and 110V Dow-key PL259 mount antennae change-over (TR Switch) relays needed for Heath Apache and Central Electronics 200V transmitters; also need element or spare parts to the EV 664 microphone. Seeking in good to fine condition: Heath HW-9 QRP, Warrior linear, Hallicrafters SX-115A Receiver, Collins 75A4 or 51S1 receiver. Contact Doug via the *Wireless Exchange*.

Silent Keys

HOWARD, THOMAS C	W1AFN	1,044	87^	STENSON, HENRY B	N4YKD	20,678	87^
KENT, HENRY W SR	K1AOX	17,874*	92				
ROSS, DONALD A	KA1EC	4,704	87^	FREELAND, ROBERT V	W5BAR	9,848	87^
DOULL, MURRAY W	VE1EE	16,280	87^	TOOTHMAN, LEE	W5DMK	14,223	87^
FRENCH, ROBERT M	W1ITH	3,417	87^	NORMAN, J LEE JR	W5DOZ	6,767	87^
BURNETT, ALBERT A	W1JNV	3,116	86^	LE CLAIRE, HENRY ED	WD5EOT	15,862	86^
RUDDERHAM, BURGESS H	W1MME	5,013	87^	ODOR, PAUL H	W5EXB	20,675	92
HENNESSEY, JOHN J	W1QXR	15,289	87^	FINK, JOSEPH W	N5FGX	18,227	87^
MORGAN, JOHN B	K1RA	4,917	87^	BROYLES, E M	W5JTR	9,307*	92
STINESS, SAMUEL G	W1TL	1,495	86^	WIRTH, HARRY EMIL	W5MMK	4,738	86^
				SMITH, W R	W5OV	11,248	87^
SCHMITT, RAYMOND G	W2ABV	9,739	92	BLOOM, PHILLIP L	K5QHF	8,188	92
POWELL, ROBERT H	W2AQT	366	87^	BLETT, ERNEST BARTON	W5SXW	8,901	92
STODOLA, E KING	W2AXO	1,849*	92^	LA FLEUR, NATHAN CURTIS	W5TKV	14,031	86^
GALBREATH, T CLARK	W2AXX	1,486*	92	ISAACS, SAMUEL C	W5UGA	11,305	92
REEVES, HAZARD E	K2GL	656	86^	MYERS, ROBERT E	W5UIH	14,412	87^
LITTLEFIELD, IRVING W	W2GPI	9,256	86^	FLYNN, JAMES G JR	W5ZO	1,150	87^
CORVINO, JOSEPH M	W2GSJ	15,752	92^				
BOWEN, CHARLES GESLER	N2GY	3,051	87^	CASSEN, FRANKLIN	N6AT	21,133	92
GROSSMAN, HENRY	W2HM	17,319	87^	ADAMS, GENE W	W6BFW	15,307	86^
HOGAN, A SPENCE	W2IQJ	5,861	86^	MELCON, Z P	K6BMW	20,028	92^
KNOELL, CHARLES JR	WA2KCG	2,577	87^	HOLLY, FRANK M	K6CRX	8,433	86
KOSITCH, GEORGE E	W2KHU	9,805	87^	STEWART, T DUNCAN	W6DK	5,633	87^
HERKERT, GEORGE O III	W2LLS	21,773*	92	TAVARES, E A	K6EKT	2,441	86^
BARTON, ROGER WESLEY	W2LOG	7,575	87^	ECKLES, THOMAS G	W6II	9,354	86^
ROUSE, FRED	W2PRX	7,537	87^	MOORE, WILLIAM L	K6IUX	14,409	92
SPROLE, ROBERT RUFF	W2QJT	3,371*	92	LONG, WALTER H	W6JNV	8,990	86^
GILL, THOMAS J	W2RIB	7,258*	92	PERRIN, HARRY JAMES	W6JOE	20,115	92
MC ALLAN, FRANCIS E	W2SPB	10,083*	92	DRIML, WILLIAM J	W6NAT	4,071	92
O'HERN, JAMES V	W2WZR	8,490	87^	DEDRICK, OTTO FRED	W6NGK	3,815	89^
				HELMICK, GEORGE R	KH6OO	3,012	87^
WILLIAMS, FRANCIS E	K3APJ	17,753	87^	FRESH, LEROY E	W6PPW	4,767	87^
SHAW, WILMER E	W3BUR	3,276*	92	KAIDER, STEPHEN	K6TV	4,637	87^
DOUGAN, LEE	VE3BZA	14,186*	92^	SWANSON, JACK CLARK	W6TYC	13,429	92
CHOAT, WILLIAM F	VE3CO	9,988	92	RILEY, JAMES B	K6VCA	15,493	87^
BUCHANAN, CARL BEVERLY	W3ELZ	4,222	86^	RUSSELL, ROBERT EVANS	W6VNQ	3,983	86^
THOMAS, RALPH D	VE3GG	14,836	92	WALLICK LEROY P SR	K6VPF	15,819	86^
HICKMAN, MILTON W	W3HL	1,001	87^				
AUSTIN, DONALD R	WA3KXC	11,199	87^	DEVISH, ROY J	W7AZI	1,144	92
TOBIN, WILLIAM T	W3LIV	2,209	87^	KELLER, WALLACE F	K7BH	14,347	86^
TURNER, WILLIAM H	K3NYQ	19,782	92	KING, RAYMOND R	W7CY	6,989	86^
PEMBERTON, HENRY R	W3PN	4,301	89	RETTIG, FLORENTINE H	K7DRG	1,764	86^
ENGLISH, S T	W3RFN	5,935	87^	SIDDALL, ED H	K7ICS	5,710*	91
DAVIS, JOHN W	W3RFO	23,033	92	DRAGOO, ARTHUR	W7JIY	17,866	87^
MC NULTY, THOMAS F	W3ZG	6,682	90	GILBERT, MARVIN L	W7KVA	11,577*	91
				CLEAVER, HAROLD O	W7MZQ	4,598*	92
ATKINSON, ELEREE H	W4AGB	8,612	87^				
MATUCHA, KENNETH	K4AGU	6,723	87^	MILLER, LESTER P	W8ACH	4,640	87^
SPITZFORM, WALTER SR	K4BTA	2,854	87^	WILSON, MILTON O	W8AHJ	1,026	87^
CONROY, JOHN A	WB4FXV	16,041	86^	STRINGER, JOHN E	W8AJW	7,835	86^
COLVIN, WILLIAM H	K4HON	5,840*	92	MC DONOUGH, RALPH A	K8AN	21,249	90^
BYRD, VIRGIL HORACE	W4KPK	1,604	86^	WESTCOTT, JOHN M	K8DKG	13,879	86^
SUTTON, WILLIAM R JR	KB4NC	14,215*	92	KESKE, CARL W	W8DMD	391	87^
WENTWORTH, WALTER A	W4PWB	18,934	92	MOORE, J BURTON	W8FEB	4,653	87^
GOLDWASSER, ISADORE	W4RD	4,603	92	MOLINE, CARL A	W8GB	873	87^
MORRISON, DONALD E	W4TFB	11,131	86^	JAMES, JOHN H	W8IRM	1,895*	92

Silent Keys

LIGHTFOOT, GEORGE D	W8KH	3,758	87^
SAVAGE, WILLIAM H	K8KMQ	6,635	87^
PURCHASE, ROY J	W8RP	2,814	87^
HILBERG, ELMER E	W8SKG	9,585	86^
MC CALL, HOWARD OLIVER	W8TNF	5,672	87^

JACKER, EDWARD W	W9AAE	704	87^
ROSS, CARLETON P	W9ABA	7,473	87^
ROBINSON, HAMLINE W	W9AYH	21,103	92
SIMPSON, FLOYD B	W9BYP	17,177	87^
SHRINER, WALTER	W9CBG	7,962	87^
PALIS, JOHN J	W9CHK	15,470	92
PETERSON, DANIEL LOWELL	W9EDG	20,073	92
FINGER, C E	W9EIZ	8,905	92
PEARSALL, LAWRENCE WM	W9FDY	8,478*	92
GOSNELL, M ROBERT	W9GBC	13,840	87^
SANSTROM, LESTER H	W9IPV	2,245	87^
ROOT, FAY H	K9KGS	16,397	87^
DE VOE, LESLIE M	W9LQ	9,751	87^
DEMMIN, ALVIN C	W9MXD	8,491	87^
BARTZ, MARVIN A	W9MYG	17,129	92
HEBAL, WILLIAM H	W9NYI	8,105	92
BURROWS, JACK	K9PRB	18,810	87^
MILLER, PAUL E	W9REW	10,154	87^
CHRISTENSEN, JOHN W	W9TVA	13,985	92

HASTINGS, LAURENCE E	W0AL	9,826	87^
DE BEAUBIEN, FRED K	W0AWM	3,070	87^
JOHNSON, VINTON G	W0FWY	14,081	92
TROUT, GORDON L SR	W0KBS	8,504	92
ANDERSON, RALPH V	K0NL	946	92
BERKLAND, ARNOLD A	K0QWU	17,104	87^
SCHMIDT, GEORGE F	W0UCK	6,410	86^
COLEMAN, CHARLES D	W0UFZ	9,366	86^
MC CABE, ROY M	W0UVU	10,654	92

Legend: Name, Call, QCWA #, Year member died

* indicates Life Member

^ indicates date of death uncertain

Please provide information, if you can.

Bill Halligan, W9AC, SK

William J. "Bill" Halligan, W9AC, a Life Member of QCWA (# 00137), died July 14 in Miami Beach, FL.

Halligan was the founder and retired Chairman of Hallicrafters Co., which he started in 1933 to supply amateur shortwave radios. He later developed his company into a major manufacturer of electronic equipment for home, industry, aerospace, and the military.

During World War II, Hallicrafters made military radios; after the war, home television sets and radar. The company continued as a major supplier of ham radio gear during the nineteen-fifties and -sixties. Hallicrafters was acquired by Northrop Corporation in 1960, and Halligan continued as President and Chairman, retiring in 1967.

Obtaining his first license in 1916, Halligan was once known as "Wireless Willie," and worked as a commercial and military radio operator during World War I on the battleship *Illinois*. He is survived by two sons—William, Jr. and Jack.

Robert Hertzberg, 2ABK, W2DJJ, and K4JBI, SK

A prolific writer of ham radio and electronics books and magazine articles, Robert Hertzberg, W2DJJ became a Silent Key June 30, 1992 at the age of 87. His son, Paul Hertzberg, K2DUX (QCWA # 12109) submitted the following eulogy . . .

Robert Hertzberg obtained his first amateur radio license, 2ABK, during the early 1920s. He was a member of the radio club of Stuyvesant High School in New York City, and while still a teenager wrote and illustrated newspaper articles on how to build the latest in "shortwave radios."

During the 1920s he joined the Pilot Radio Co., helping develop one of the most successful radios of its day—the "Super Woop." One of his friends at work was John Geloso, who later returned to Europe to become the largest independent manufacturer of electronic products in Europe and South America. Their family friendship spanned almost 50 years. In addition, Hertzberg worked on some of the earliest television equipment in this country.

Joining the U.S. Army Signal Corps Reserve, Hertzberg participated in early experiments with aircraft radio and mobile communications. He joined the staff of Fawcett Publications, became the editor of *Mechanix Illustrated*, and later developed another very popular magazine . . . *Electronics Illustrated*.

Called to active military service in late 1941, Hertzberg graduated from the Officers' Training Facility at Ft. Leavenworth, KS with the rank of Captain. His graduation day was Saturday, December 6, 1941; he was driving home to New York on the morning of December 7, 1941 when he heard about the Japanese attack on Pearl Harbor.

Hertzberg was transferred to England in early 1942 on the Pan Am Flying Boat, and he joined the staff of General Omar Bradley to plan the invasion of Europe. His duties there also included setting up a training school for radio operators in the English countryside. One of his most memorable duties was escorting Mrs. Eleanor Roosevelt around the school. He rose to the rank of Colonel.

At war's end, Hertzberg returned home to become a freelance writer of technical books. One of the best known was *So You Want to be a Ham*, which influenced tens of thousands of people of all ages to become amateur radio operators. In addition, he wrote dozens of books about home repairs, plywood projects, house trailers, firearms, appliance repair, and photography.

Robert Hertzberg is survived by his wife, Beatrice, WA2RST; son, Paul, K2DUX; and stepson, Dr. George Schwartz, K2HEY, QCWA # 12779.

New Members

5-4-92	25,226	Ashen-Brenner, Sid III	N00BM	Salina, KS	Donald Fitzgerald	KA0EIC
	25,227	Dambrosky, Selden F	WB0HUD	Denver, CO	Anna Belmonte	W0ERP
	25,228	Taylor, Bonnie R W	WB4FSF	Sanford, FL	D W Wieboldt	KC5XH
5-5-92	25,229	Bromley, Richard G	W1XJ	Lecanto, FL	Eunice Gordon	W1UKR
	25,230	Shea, Thomas J	W1HYO	West Springfield, MA	Art Zavarella	W1KK
5-7-92	25,231	Burnworth, Theron D	WB4EWT	Clearwater, FL	William A Bell	K4AUH
	25,232	Dessens, David Sr	N5GT	Harvey, LA	El Charlton	W5MD
	25,233	Lyons, Howard D Sr	KC7JS	Mc Comb, MS	El Charlton	W5MD
	25,234	Harvey, J D	W5KGI	Baton Rouge, LA	El Charlton	W5MD
	25,235	Lathrop, Henry	WB4GCK	Babson Park, FL	-	-
	25,236	Norcross, Alexander F	WF5R	Long Beach, MS	Hulon Byrne	W5PBA
	25,237	Thrash, Frank W	N5BFV	Metairie, LA	El Charlton	W5MD
5-8-92	25,238	Brown, Royce C	WB0OPO	Afton, MO	Harry Dannals	W2HD
	25,239	Ludkiewicz, Michael W	W1DGJ	Ludlow, MA	Art Zavarella	W1KK
	25,240	Tepper, A Stephen	WA3HIL	Potomac, MD	Walt Brink	W3WPY
	25,241	Walters, A Joanne	WB9UWV	Hudson, IL	Chuck Walters	W9KR
5-11-92	25,242	Henjes, Gerd	W2ISB	Liverpool, NY	Jim Mozley	W2BCH
	25,243	Lee, Marvin	KA20AU	Ithaca, NY	Harry Dannals	W2HD
5-12-92	25,244	Blecha, William	KF0ML	Syracuse, NE	-	-
	25,245	Kasley, Paul	WA9VYB	Hillside, IL	Walt Brink	W3WPY
	25,246	Larson, Joseph W	N9JW	Stevens Point, WI	Frank L Guth	W9BCC
	25,247	O'Connor, John R	WB4LPX	Fort Myers, FL	-	-
	25,248	Rankin, Charles A	WA2HMM	Smithtown, NY	J J Altman	W2DX
	25,249	Richardson, Gregory	WA8JPC	Gallipolis Ferry, WV	-	-
	25,250	Sager, Jerry	KG7ZF	Prescott, AZ	-	-
	25,251	Tenney, Eichard E	WD8IKI	Akron, OH	Stan Smith	WA8NZE
	25,252	Whitfield, Jim	K6BHN	Vail, AZ	-	-
5-13-92	25,253	Ferguson, Richard A	KA0DXM	Boulder, CO	-	-
	25,254	Garrett, Jim	K5BTv	Lewisville, TX	-	-
5-15-92	25,255	Claus, Otto R	W3LZZ	Parkton, MD	M M Tarlton	W3HJY
	25,256	Tobey, Ralph G	WA5JQW	Ft Worth, TX	Jack Dye	W5TPU
	25,257	Henry, Mike D	WA4TKR	Lenoir City, TN	Don Goodin	K4QU
5-18-92	25,258	Pierce, Alan R	N4VC	Springfield, TN	-	-
	25,259	Ginley, Bernard G	N4VVK	Beverly Hills, FL	Philip E Grande	WA2BZE
	25,260	Newman, Joseph W	KG6DG	Cambria, CA	-	-
	25,261	Rogers, Robert D	K5HRI	El Paso, TX	Bill Raue	K5KKO
	25,262	Tousaw, Russell Wallace	VE3GMJ	Embrow, ONT	Fred Wilkinson	VE3AJW
5-19-92	25,263	McGraw, Robert E	K4TAX	Pompano Beach, FL	Bob McDow	W4KOG
5-20-92	25,264	Thomas, Denis	KB6ZOR	Hesperia, CA	-	-
5-21-92	25,265	Farman, Richard R	K2QR	Endicott, NY	H J Dannals	W2HD
	25,266	Porter, Jeffrey F	A17D	Brodheads ville, PA	Ray Bilger	W3TDF
	25,267	Roworth, Wallace H	WY2Z	W Webster, NY	H J Dannals	W2HD
	25,268	Schwenk, Robert W	W2XL	Kingston, NY	H J Dannals	W2HD
5-22-92	25,269	Cassidy, Paul B	N6LYZ	Los Osos, CA	David J Medley	K16QE
	25,270	Dambrosky, Marie	WB0HUC	Denver, CO	Anna Belmonte	W0ERR
	25,271	Gardner, Joseph V	K7CI	Bluefield, VA	Ethel Smith	KLMB
	25,272	Garfinkel, Neil Martin	KC9BH	St Michael, MN	Dave Hackl	K0HCD
	25,273	Graham, Dillard H	WA4NZT	Ben Hur, VA	W A Owen	W4VS
	25,274	Long, William H	W3NT	Severna Park, MD	Walt Brink	W3WPY
	25,275	Seamon, Richard M	W3IUS	Annapolis, MD	-	-
5-26-92	25,276	Anderson, Dorothy G	KD6IZP	Riverside, CA	Billy L Anderson	W6KPA
	25,277	Bostedor, Patricia	N8PYO	Jackson, MI	-	-
	25,278	Gehres, Kenneth H	WA8SVX	Cleveland, OH	Al Zimmerman	W8UYN
	25,279	Spencer, Walter F	KC5ZZ	Baker, LA	George Gelpi	K5RGI
6-1-92	25,280	Barnes, Frank L	WA5GDF	Biloxi, MS	Ernie Orman	W5OXA
	25,281	Bianchi, Albert P	KG4O	Chesapeake, VA	-	-

New Members

	25,282	DeWitt, Cecil	W0RMB	Omaha, NE	Walt Brink	W3WPY
	25,283	Earnest, Michael J	WA0ARS	Marcus, IA	Roger L Kehm	N0HCR
	25,284	Gromm, George	WA2OGT	New York, NY	David Winter	W2AUF
	25,285	Junkins, Clifford E Jr	W1UWX	Holyoke, MA	Art Zavarella	W1KK
	25,286	Kenefick, William J	AD1I	Burlington, CT	Milt Chaffee	W1EFW
	25,287	Kittelson, Jerry	KF0CL	Spirit Lake, IA	Walt Brink	W3WPY
	25,288	Lohr, David C	W0FBI	Churdan, IA	Walt Brink	W3WPY
	25,289	Olson, Carrol A	KN0JYA	Odebolt, IA	Walt Brink	W3WPY
	25,290	Smith, Harold	W4PQW	Pensacola, FL	John Zwaska	W4WKQ
	25,291	True, William M	WA9ASD	Omaha, NE	Walt Brink	W3WPY
	25,292	Wilson, Thomas M	NI0I	Sioux Falls, SD	Roger L Kehm	N0HCR
6-2-92	25,293	Forest, Norman P	N1PF	Springfield, MA	Thomas J Shea	W1HYO
	25,294	Ulmer, Carl E	WV2T	Neptune, NJ	Robert Buus	W2OD
6-3-92	25,295	Mercado, J Carlos	CP5CU	Cochabamba, BOLIVIA	-	-
6-5-92	25,296	Beckstein, Betty M	K5QQT	Biloxi, MS	-	-
	25,297	Douglas, Joseph E Jr	KB5RQE	Baton Rouge, LA	El Charlton	W5MD
	25,298	Schepp, Lawrence G	KA9UBW	Saukville, WI	-	-
6-8-92	25,299	Parker, Ralph W	WA9MLY	Milwaukee, WI	J Travis Baird	W9VQD
	25,300	White, Rev Wm J	W9KLS	Lewiston, ME	Salvatore Aliano	W1CUW
	25,301	Wiseman, Michael David	WA6TBQ	Imperial Beach, CA	R L McDonald	KE6VB
6-9-92	25,302	Dunlap, Charles H	K1II	Southwick, MA	Thomas J Shea	W1HYO
	25,303	Krone, Joseph B	WA2SPL	Alburg, VT	Milt Chaffee	W1EFW
	25,304	Mangano, Dominick	N2LYV	Belle Mead, NJ	-	-
6-10-92	25,305	Alexander, William F	W3GFZ	Newtown, PA	-	-
	25,306	Joybubbles	WB0RPA	Minneapolis, MN	Ted Heithecker	W5EJ
6-15-92	25,307	Fonda, Michael E	WA6JJM	Big Bear City, CA	-	-
	25,308	Lindsley, Daniel P	N5AGG	Bath, ME	J B Randall	WB6X
	25,309	Paar, Daniel L	WV8W	Canton, OH	John T Edel	K8LBZ
	25,310	Tanner, John S	K6EJF	San Jose, CA	Bill Stevens	W6ZM
	25,311	Brentley, Gil	N7DCS	Portland, OR	Walt Brink	W3WPY
	25,312	Ladwig, Herbert R	W9PHJ	Kenosha, WI	-	-
	25,313	Tobin, James Roger	VE1TX	North Sydney, NS	-	-
6-16-92	25,314	Ayer, Howard C	W1IIP	Seattle, WA	Walt Brink	W3WPY
	25,315	Halliday, James W	N7OMF	Kelso, WA	Walt Brink	W3WPY
	25,316	Hart, Robert A	WA7HRA	Hoodsport, WA	E Reade Apgar	N7AGG
	25,317	Hultgren, John D	K7EX	Eugene, OR	Walt Brink	W3WPY
	25,318	Kato, Raymond J	N07X	Portland, OR	Walt Brink	W3WPY
	25,319	Moore, Michael A	N7RY	Estacada, OR	Walt Brink	W3WPY
	25,320	Person, Pat	K7YIR	Bothell, WA	Bob Rickey	NF6P
	25,321	Raynes, Laurence C	KD7FY	Springfield, OR	Walt Brink	W3WPY
	25,322	Schafer, Bob	WA7IHN	Aumsville, OR	Phil Smith	W7BFB
	25,323	Smith, Verne T	N7PGD	Estacada, OR	Walt Brink	W3WPY
6-17-92	25,324	Brandt, Stephen C	WB6VVS	Portland, OR	Walt Brink	W3WPY
	25,325	Parker, Chester K	WA4DBN	Fayetteville, GA	-	-
	25,326	Struebel, David J	WB2FTX	Burler, NJ	-	-
	25,327	Duda, John J	K3ED	Edinboro, PA	Hank Schultz	W13U
	25,328	Dewey, Thomas R	KG7ZO	Grand Coulee, WA	-	-
	25,329	Wendell, Frank L	KD6CZC	Desert Hot Springs, CA	Don Doughty	W6EEN
6-18-92	25,330	Wade, Harold B	W4NVO	Summerville, SC	Frances E Wooldridge	W4IZD
	25,331	Sigda, Raymond R	W1RPW	St Augustine, FL	El Charlton	W5MD
6-22-92	25,332	George, Loyd W	KA7COD	Culp Creek, OR	Walt Brink	W3WPY
	25,333	Lynch, Joseph L	N6CL	Oklahoma City, OK	Lew McCoy	W1ICP
	25,334	Lynk, Charles K	W0DYS	Marshalltown, IA	-	-
6-23-92	25,335	Engel, Frank A	AA4PE	Englewood, FL	Robert Bookwalter	W4NWF
	25,336	Sutton, Jimmy B	WM7A	Federal Way, WA	Walt Brink	W3WPY
6-25-92	25,337	McClellan, Walter P	WA6DTB	Bellflower, CA	-	-

New Members

	25,338	England, Robert E	W3JCN	Silver Spring, MD	-	-
	25,339	Graham, Russell D	W5RDT	Little Rock, AR	Harold Harrison	W5DFZ
	25,340	Koepke, Alan J	K1JCL	Coventry, CT	Al Cohen	W1FXQ
	25,341	Whelan, Dr John D	N7WTV	Cape Girardeau, MO	Jim Anderson	W7TVK
6-26-92	25,342	Emmel, J Richard	W7KJZ	Portland, OR	-	-
	25,343	Hicks, Rollin K	WA4GFD	Johnson City, TN	F D Pilgrim	W4JD
6-29-92	25,344	Burton, Kenneth L Sr	K15LV	Ocean Springs, MS	-	-
	25,345	Hunsberger, Philip	K9PNT	Ocean Springs, MS	Ernest Norman	W5OXA
	25,346	Burgess, Joseph J	W3PNL	Souderton, PA	-	-
6-30-92	25,347	Stephenson, J Gregg	W1DGC	Hanover, NH	Ted Everett	W1ALE
	25,348	Stephenson, Margaret E	K2DGW	Hanover, NH	Ted Everett	W1ALE
7-7-92	25,349	Austin, William Charles	VE6WP	Ranfurly, ALTA	Charles Tyrrell	VE6PV
	25,350	Burton, Joseph Roy	VE3DTA	North York, ONT	Fred Wilkinsen	VE3AJW
	25,351	Butler, D S Woody	K7OK	Las Vegas, NV	L M Norman	W7PBV
	25,352	Grant, Tow W	W5PGS	Baton Rouge, LA	J Warren Aubin	K5DVQ
	25,353	Miller, Glenn E	N7GIW	Joshua Tree, CA	Jim Bruner	W6CDK
	25,354	Sims, Loyd S	KB7JC	Eugene, OR	Jean Fuller	WA7KMT
7-10-92	25,355	Boehm, George J	WB2NKO	Coram, NY	-	-
	25,356	Hinrichsen, Bernhard P	W2NTB	Solon, OH	El Charlton	W5MD
	25,357	Storrs, Ernest N	KM6MD	Escondido, CA	Ted Heithecker	W5EJ
7-13-92	25,358	Attaway, D Wesley	N5WA	Shreveport, LA	Dwight Brown Jr	W5WE
	25,359	Blakeslee, Howard	NE2U	Binghamton, NY	-	-
7-14-92	25,360	Atwood, Terry	WA5ARJ	Shreveport, LA	Dwight Brown, Jr	W5WE
	25,361	Coursey, Calvin E	N3QA	Chestertown, MD	Walt Brink	W3WPY
	25,362	Kimmerly, Charles F	N5XGI	Vanceleave, MS	Ernie Orman, JR	W5OXA
	25,363	Sorkin, Bernard C	NR2O	Manalapan, NJ	-	-
7-16-92	25,364	Burchfield, Esau Jr	WA4WMN	Robbins, TN	-	-
7-17-92	25,365	Boyle, Joseph M	W7HNK	Port Orchard, WA	Ray Etherington	W7FNC
7-20-92	25,366	Huizinga, George E	WG0V	Littleton, CO	-	-
	25,367	Fox, Junius B	W5HIR	Houston, TX	-	-
	25,368	Wille, Edward F	W9PWG	Milwaukee, WI	J Travis Baird	W9VQD
7-22-92	25,369	Squires, Richard D	W5VCQ	Deerpark, TX	-	-
	25,370	Collings, Ronald M	WB6ZEI	Huntington Beach, CA	-	-
	25,371	Stemmler, Rudolf	DL3TN	Baumberg, GER	-	-
7-24-92	25,372	Wells, Richard W	KH6FHS	Houston, TX	Pete Newell	KE5DQ
	25,373	Berry, George W	W2CFX	Palmetto, FL	-	-
	25,374	Faulk, Hugh II	K4GVG	Dry Branch, GA	-	-
	25,375	Johnson, Richard L	K8HBG	Gwinn, MI	Eugene Cole	W8VJD
	25,376	O'Hara, Randolph E	WA5IFM	Chapparral, NM	William Raue	K5KKO
7-27-92	25,377	Noble, Donald Edwin	W5CLW	Houston, TX	Pete Newell	KE5DQ
	25,378	Reid, James R	W6KPI	Old Town Koloa, HI	-	-
	25,379	Blouch, Roger	K3WIV	Webster, TX	Pete Newell	KE5DQ
	25,380	Cooney, Robert R	K1TU	Friendswood, TX	Pete Newell	KE5DQ
	25,381	James, Peter R	WM4U	Maryville, TN	Jean Giesler	W4TYU
	25,382	Williams, Franklin T	WA6NSC	Walnut Creek, CA	Ron Luttringer	K6XC
7-28-92	25,383	Frentzel, William Y II	W5NFS	Seattle, WA	Robert Rude	AJ0C
	25,384	Wetzel, Gregory S	W3IDZ	Coopersburg, PA	Ray Bilger	W3TDF
7-29-92	25,385	Cameron, John	VE6YI	Edmonton, ALTA	Charles Tyrrell	VE6PV
7-30-92	25,386	Jeutter, Dean C	K3GGN	Grafton, WI	-	-
	25,387	Wacha, Lawrence C	K0EDO	Garwin, IA	John Ferrel	W0YDV
7-31-92	25,388	Jolly, J M	W5ZXS	Little Rock, AR	-	-
	25,389	Schnell, Kenneth L	W5OBR	Pasadena, TX	Pete Newell	KE5DQ

Please make the following corrections to last issue's listings:

24,952	Hein, Donald W	W8LXE	St Clair Shores, MI	William W Skinner	W8ROV
25,003	Plumley, Robert L	K9IEG	Thomson, IL	Wayne Paarmann	W0GNJ

QUARTER CENTURY WIRELESS ASSOCIATION, INC

159 EAST 16th AVE, EUGENE, OR 97401-4017
(503) 683-0987



This form for use by all applicants
for membership in QCWA.
Effective 01/01/92

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you been previously enrolled in QCWA? _____

I, _____, Present Call _____
(Print Name Clearly)

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required.* My complete mailing address is:

Street Number & Name _____

City _____

State _____

Zip-code _____

I will keep QCWA Headquarters advised of changes in address and/or call sign. My first amateur license was issued _____, Other calls held _____

I wish to become a member of QCWA Chapter _____

Date of Birth _____, Birthplace _____

Present occupation/business _____

If retired, what was major life work _____

Other organizations you are affiliated with _____

Your signature _____

*Send a copy of your license from 25+ years ago, or give us the year and call, and we'll look you up in *The Callbook*.

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

Fee

Funds Attached

QCWA Dues for a one-year period

\$15.00

QCWA Dues for a two-year period

\$25.00

QCWA Dues for a three-year period

\$30.00

QCWA Life Membership

\$225.00

Payable in 3 equal installments

of \$80.00 each, in a one-year period

\$240.00

Initial registration fee, all new members

\$3.00

Family membership is available, contact headquarters for information

Gold membership pins are available, your call engraved, no year tags, check fastener

Tie-tac _____, Screw button _____, Safety pin _____ \$10.00 each

Year tag pins, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 tie-tac only \$10.00 each

Total

Proposed by _____, Call _____, No. _____

Fa92

Member Supplies

ORDER BLANK

QCWA Lapel pins are gold plated, with call engraved.

Two types are available:

- No year tags. Choose tie-tack, safety-pin, or screw type.
- With year tags (clutch-type only). Specify year—25, 30, 35, 40, 45, 50, 55, 60, 65, 70, or 75.

All pins, each \$10.00

QCWA Life Member pin \$ 5.00

QCWA Embroidered emblem \$ 5.00

270 QCWA Red stamps (regular) \$ 2.50

270 QCWA Gold stamps (Life) \$ 2.50

240 QCWA Yellow Stamps (50-yr) \$ 2.50

QCWA Logo on rubber stamp \$ 6.50

QCWA Cap with Logo \$ 5.00

QCWA Chapter Banner \$ 200.00

QCWA Decals \$ 1.00

Sweatshirts and T-Shirts (Please call to order)

QCWA QSL cards (Order on page 95)

Sorry, vests are no longer available

\$ _____

\$ _____

\$ _____

\$ _____

Total \$ _____

Ship to:

Name _____ Call _____ QCWA No. _____

No. & Street _____ City _____ State _____ Zip _____

*With the change of Headquarters, we can no longer accept orders charged to credit cards. Please mail your check to:
QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4017*



**Deadline for Winter issue:
November 1, 1992**

Please have your material submitted on time.

CERTIFICATES

MEMBERSHIP CERTIFICATES numbered in serial order are issued to each member. Numbers are not re-issued except to the same member to whom they were first issued.

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

GOLDEN CERTIFICATES are issued in five year increments—55, 60, 65, 70, 75 year Certificates, free of charge to eligible members.

50-YEAR CONTINUOUS LICENSING Gold certificate available to eligible members. Requires submission of proof licensing. There is a \$5.00 fee. Applications available from QCWA Headquarters.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age, when added to their number of years as a QCWA member, totals 100 or more. No charge for the Certificate.

MERITORIOUS AWARD is issued by Headquarters, upon request of any active QCWA Chapter. One such award for each Chapter each year. The Award may be given to recognize unusual dedication to QCWA or Amateur Radio. No charge for award.

OPERATING AWARDS

QCWA Operating Award Certificates are issued to QCWA members by the activities manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBERS awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA WORKED 60 CHAPTER awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA WORKED 500 MEMBERS awards are issued to QCWA members who have contacted 500 QCWA members.

*In addition, plaques are awarded to the highest scoring members for both phone and CW
QSO Parties. Runners-up receive certificates.*

Quarter Century Wireless
Association, Inc.
159 E 16th Ave
Eugene OR 97401-4017

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U S POSTAGE PAID
EUGENE OR
PERMIT #679

ADDRESS CORRECTION REQUESTED

Courtesy of the NL7XM Collection